URS Corporation

1093 Commerce Park Dr, Suite 100
Oak Ridge, TN 37830

HNCC
Project # 39400492

Analytical Report
(0409-67)

EPA Method 26A

Chloride
Hydrogen chloride

OTM-028

Condensible Particulate Matter

Enthalpy Analytical, Inc.
Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
2202 Ellis Road Durham, NC 27703 - 5518

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all dev iations and analytical problems are summarized in the appropriate narrative(s)
- This analytical report was prepared in Portable Document Format (.PDF) and contains 132 pages.

Michael Steven Schapira

QA Review Performed by: Michael Steven Schapira

Summary of Results

Company	URS Corporation
Analyst	MDS
Parameters	EPA Method 26A
# Samples	3 Runs & 1 blank

Client #	39400492
Job #	0409-67
PO #	Verbal
Report Date	5/5/2009

Compound	Sample ID / Catch Weight (ug)		
	R1	***R2***	***R3***
Chloride	52.2 ND	37.9 ND	42.1 ND
	NaOH Bk		
Chloride	2,534		

Company	URS Corporation
Analyst	MDS
Parameters	EPA Method 26A
# Samples	3 Runs & 1 blank

Client #	39400492
Job #	0409-67
PO #	Verbal
Report Date	5/5/2009

Compound	Sample ID / Catch Weight (ug)		
	R1	***R2***	***R3***
Hydrogen chloride	157 J	95.5 J	148 J
	H2SO4 Bk		
Hydrogen chloride	25.4 ND		

Company	URS Corporation
Analyst	ARM
Parameters	EPA OTM-028
# Samples	3 runs & 1 blank

Client #	39400492
Job #	0409-67
PO #	Verbal
Report Date	5/5/2009

Analysis of Condensible Particulate Recovery

Sample ID Number	***Run 1***		***Run 2***		***Run 3***		***Filter Blank***	
Organic								
Beaker Number	***13072***		***13073***		***13074***		***13075***	
Initial Acetone Volume, mL	63.0		68.5		55.0		0	
Initial MeCl2 Volume, mL	89.0		108		86.0		0	
Lab MeCl2 Volume, mL	165	Dates	165	Dates	165	Dates	75.0	Dates
Final Weight, g	1.9183	5/1/09	1.9166	5/1/09	1.9213	5/1/09	1.9214	5/1/09
Reweigh, Final, g	1.9183	5/4/09	1.9165	5/4/09	1.9213	5/4/09	1.9214	5/4/09
Beaker Tare, g	1.9147	4/23/09	1.9130	4/23/09	1.9185	4/23/09	1.9203	4/23/09
Organic Catch, mg	3.6		3.6		2.8		1.1	
Inorganic								
Beaker Number	***13127***	Dates	***13128***	Dates	***13129***	Dates	***13130***	Dates
Final Weight, g	1.9496	5/1/09	1.9522	5/1/09	1.9296	5/1/09	1.9505	5/1/09
Reweigh, Final, g	1.9494	5/4/09	1.9521	5/4/09	1.9294	5/4/09	1.9504	5/4/09
Beaker Tare, g	1.9455	4/27/09	1.9484	4/27/09	1.9254	4/27/09	1.9495	4/27/09
H2O FV, mL	354		344		342		75.0	
Condensed Volume, mL	100		100		100		0.0	
Removed Pre-aliquot, mL	0.5		0.5		0.5		0.5	
Pre-aliquot CF	1.00		1.00		1.00		1.01	
Removed Post-aliquot, mL	0.5		0.5		0.5		0.5	
Post-aliquot CF	1.01		1.01		1.01		1.01	
Net Inorganic Catch, mg	3.9		3.7		4.0		1.0	
Ammonium Correction, mg	0.9		1.1		0.9		0.1	
Corrected Inorganic, mg	3.0		2.6		3.2		0.8	
Condensible Particulate, mg	6.6		6.2		6.0		1.9	
Blank Corrected Result, ug	4.7		4.3		4.1			

Note: Blank correction is 2.0 mg or measured value, whichever is lower.

Client Blank Analyses

Type Blank	MeCl Blank
Beaker Number	***13076***
Tare weight, g	1.9087
Dry Residue Weight, g	1.9104
Reweigh, Final, g	1.9104
MeCl2 Residue, g	0.0017
MeCl2 Volume, mL	150
Max. MeCl2 Residue, g	0.0020

Type Blank	H2O Blank
Beaker Number	***13131***
Tare weight, g	1.9452
Dry Residue Weight, g	1.9458
Reweigh, Final, g	1.9458
Water Residue, g	0.0005
Water Volume, mL	150
Max. Water Residue, g	0.0015

Type Blank	Acetone
Beaker Number	***13078***
Tare weight, g	1.9083
Dry Residue Weight, g	1.9105
Reweigh, Final, g	1.9105
Acetone Residue, g	0.0022
Acetone Volume, mL	150
Max. Acetone Residue, g	0.0012

In-House Blank Analyses

Type Blank	MeCl Blank
Beaker Number	***13077***
Tare weight, g	1.9295
Dry Residue Weight, g	1.9306
Reweigh, Final, g	1.9306
MeCl2 Residue, g	0.0010
MeCl2 Volume, mL	225
Max. MeCl2 Residue, g	0.0030

Type Blank	H2O Blank
Beaker Number	***13132***
Tare weight, g	1.9431
Dry Residue Weight, g	1.9436
Reweigh, Final, g	1.9435
Water Residue, g	0.0004
Water Volume, mL	250
Max. Water Residue, g	0.0025

Type Blank	Acetone
Beaker Number	***13079***
Tare weight, g	1.9088
Dry Residue Weight, g	1.9168
Reweigh, Final, g	1.9168
Acetone Residue, g	0.0080
Acetone Volume, mL	200
Max. Acetone Residue, g	0.0016

Results

Company	URS Corporation
Analyst	MDS
Parameters	EPA Method 26A
# Samples	3 Runs & 1 blank

Client #	39400492
Job #	0409-67
PO #	Verbal
Report Date	5/5/2009

MDL 0.0421 (ug/mL)
LOQ 0.434 (ug/mL)
Compound Chloride

Lower Curve Limit 0.434 (ug/mL)
Upper Curve Limit 13.0 (ug/mL)

Sample ID	Lab ID # 1	Lab ID # 2	Analysis Method	Ret Time (min)	Ret Time (min)	% Diff Ret	Conc # 1 (ug/mL)	Conc # 2 (ug/mL)	% Diff Conc	Avg Conc (ug/mL)	DF	Vol (mL)	Catch Weight (ug)	Qual
R1 Imp 3&4	011-1201.D	011-1202.D	0409-67B.M	NA	NA	NA	0.0421	0.0421	0.0	0.0421	4.002	310	52.2	ND
R2 Imp 3&4	012-1301.D	012-1302.D	0409-67B.M	NA	NA	NA	0.0421	0.0421	0.0	0.0421	4.002	225	37.9	ND
R3 Imp 3&4	013-1401.D	013-1402.D	0409-67B.M	NA	NA	NA	0.0421	0.0421	0.0	0.0421	4.002	250	42.1	ND
NaOH Bk	014-1501.D	014-1502.D	0409-67B.M	4.28	4.24	0.9	4.23	4.29	0.7	4.26	4.1	145	2,534	
NaOH Rgt Blank	008-0901.D	008-0902.D	0409-67B.M	NA	NA	NA	0.0421	0.0421	0.0	0.0421	1	1.00	0.0421	ND
DI H2O Rgt Blank	009-1001.D	009-1002.D	0409-67B.M	NA	NA	NA	0.0421	0.0421	0.0	0.0421	1	1.00	0.0421	ND
Method Blank	010-1101.D	010-1102.D	0409-67B.M	NA	NA	NA	0.0421	0.0421	0.0	0.0421	4.1	1.00	0.173	ND
MS/R1 I3&4	015-1601.D	015-1602.D	0409-67B.M	4.22	4.17	1.2	2.08	2.07	0.2	2.08	1	0.525	1.09	
												Spike Amount (ug)	1.25	
												Native Amount (ug)	0.00	
												Spike Recovery (%)	87.2%	
MSD/R1 I3&4	016-1701.D	016-1702.D	0409-67B.M	4.22	4.18	1.0	2.06	2.04	0.3	2.05	1	0.525	1.08	
												Spike Amount (ug)	1.25	
												Native Amount (ug)	0.00	
												Spike Recovery (%)	86.1%	
hplc44pg56 LCS	007-0801.D	007-0802.D	0409-67B.M	4.23	4.19	1.0	7.00	6.99	0.0	6.99	1	1.00	6.99	
												Spike Amount (ug)	7.45	
												Spike Recovery (%)	93.9%	

Company	URS Corporation
Analyst	MDS
Parameters	EPA Method 26A
# Samples	3 Runs & 1 blank

Client #	39400492
Job #	0409-67
PO #	Verbal
Report Date	5/5/2009

MDL 0.0421 (ug/mL)
LOQ 0.446 (ug/mL)
Compound Hydrogen chloride

Lower Curve Limit 0.446 (ug/mL)
Upper Curve Limit 13.3 (ug/mL)

Sample ID	Lab ID # 1	Lab ID # 2	Analysis Method	Ret Time (min)	Ret Time (min)	% Diff Ret	Conc # 1 (ug/mL)	Conc # 2 (ug/mL)	% Diff Conc	Avg Conc (ug/mL)	DF	Vol (mL)	Catch Weight (ug)	Qual
R1 Imp 1&2	011-1201.D	011-1202.D	0409-67A.M	4.20	4.15	1.3	0.0623	0.0832	14.4	0.0728	4	540	157	J
R2 Imp 1&2	012-1301.D	012-1302.D	0409-67A.M	NA	4.17	NA	0.0421	0.0497	8.3	0.0459	4	520	95.5	J
R3 Imp 1&2	013-1401.D	013-1402.D	0409-67A.M	4.20	4.16	1.0	0.0767	0.0713	3.7	0.0740	4	500	148	J
H2SO4 Bk	014-1501.D	014-1502.D	0409-67A.M	NA	NA	NA	0.0421	0.0421	0.0	0.0421	4.1	147	25.4	ND
H2SO4 Rgt Blank	008-0901.D	008-0902.D	0409-67A.M	NA	NA	NA	0.0421	0.0421	0.0	0.0421	1	1.00	0.0421	ND
DI H2O Rgt Blank	009-1001.D	009-1002.D	0409-67A.M	NA	NA	NA	0.0421	0.0421	0.0	0.0421	1	1.00	0.0421	ND
Method Blank	010-1101.D	010-1102.D	0409-67A.M	NA	NA	NA	0.0421	0.0421	0.0	0.0421	4.1	1.00	0.173	ND
MS/R1 I1&2	015-1601.D	015-1602.D	0409-67A.M	4.19	4.15	0.9	2.36	2.33	0.7	2.34	1	0.525	1.23	
												Spike Amount (ug)	1.25	
												Native Amount (ug)	0.0364	
												Spike Recovery (%)	95.6%	
MSD/R1 I1&2	016-1701.D	016-1702.D	0409-67A.M	4.19	4.15	0.9	2.40	2.39	0.2	2.40	1	0.525	1.26	
												Spike Amount (ug)	1.25	
												Native Amount (ug)	0.0364	
												Spike Recovery (%)	97.7%	
hplc44pg54 LCS	007-0801.D	007-0802.D	0409-67A.M	4.19	4.16	0.7	7.33	7.32	0.0	7.32	1	1.00	7.32	
												Spike Amount (ug)	7.66	
												Spike Recovery (%)	95.6%	

Company	URS Corporation
Analyst	ARM
Parameters	EPA OTM-028
# Samples	3 runs & 1 blank

Client #	39400492
Job #	0409-67
PO #	Verbal
Report Date	5/5/2009

MDL 0.03
Blank titrant amount (Vtb) 0.02
NH4OH normality 0.10

Lot # Sigma Aldrich 318620

Sample ID.	Volume Received (mL)	Titration Aliquot Vol (mL)	Titration NH_4OH Vol (mL)	Aliquot Factor	H_2SO_4 (mg) Equivalent
Run 1	100	99.5	0.20	1.005	0.887
Run 2	100	99.5	0.25	1.005	1.13
Run 3	100	99.5	0.20	1.005	0.887
Filter Blank	100	99.5	0.05	1.005	0.148
Blank (Client Water)	100	99.5	0.03 ND	1.005	0.0493 ND

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	URS Corporation
Analyst	MDS
Parameters	EPA Method 26A
# Samples	6 Runs & 2 blanks

Client #	39400492
Job #	0409-67
PO #	Verbal
Report Date	May 5, 2009

Custody	Tara Grayson of Enthalpy Analytical, Inc. received the samples on 4/21/09 at 18.5 °C after being relinquished by URS Corporation of Oak Ridge, TN. The samples were received in good condition, but were shipped in glass containers instead of the method-specified PPE. Prior to and during analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, Inc.
Analysis	The samples were analyzed for chloride and hydrogen chloride using the analytical procedures in EPA Method 26A, Determination of Hydrogen Halide and Halogen Emissions from Stationary Sources Isokinetic Method (40 CFR Part 60, Appendix A). The samples were analyzed following the procedures in Section 11.0, Analytical Procedures. All samples and standards are prepared, stored, and analyzed using high-density polyethylene containers. The Agilent Model 1100, High Performance Liquid Chromatograph ("Gonzo") was equipped with a Dionex CD20 Conductivity Detector and a Dionex Ion Pac AS14A, 4 x 250 mm (S/N 006531) column.
Calibration	The calibration curve is located in the back of this report and referenced in the Analysis Method column on the Detailed Results page. For each calibration curve used, the first page of the curve contains all method specific parameters (i.e., curve type, origin, weight, etc.) used to quantify the samples. The calibration curve section also includes a table with the Retention Time (RetTime), Level (Lvl), Amount (corresponding units), Area, Response Factor (Amt/Area) and the analyte Name. The calibration table is used to identify (by retention time) and quantify each target compound.
Chromatographic Conditions	The acquisition methods COLSWTCH.M and CHLSWTCH.M are included in the Curve/QA Chromatograms section of this report.

Enthalpy Analytical Narrative Summary
(continued)

QC Notes	As required in Section 7.2.2, Absorbing Solution Blanks, client-provided reagent blanks were analyzed. Additionally, a quality control check sample was analyzed at the same time as the blanks and samples. All method required acceptance criteria were met. All sample preparation and analytical holding times specified in the method were met. Section 13.2, Sample Stability, specifies an analytical holding time of four weeks.
Reporting Notes	The chloride result for the ***NaOH Blank*** sample was confirmed in an additional analysis. The H_2SO_4 matrix samples were analyzed for Cl^- and F^- but are reported as HCl. The peaks listed in the "Sample Chromatograms" section are labeled hydrogen chloride. The additional molecular weight contribution from the H^+ is included in the results listed on each chromatogram and throughout the report. Enthalpy Analytical, Inc. is accredited to perform this method for compliance purposes by the National Environmental Laboratory Accreditation Conference (NELAC) through the Louisiana Environmental Laboratory Accreditation Program (LELAP), certificate number 04010. The results presented in this report are representative of the samples as provided to the laboratory.

Enthalpy Analytical Narrative Summary

Company	URS Corp. - Oak Ridge, TN
Analyst	ARM
Parameters	OTM-028
# Samples	3 Runs & 1 blank

Client #	39400492
Job #	0409-67
PO #	Verbal
Report Date	May 5, 2009

Custody

Tara Grayson of Enthalpy Analytical, Inc. received the samples on 4/21/09 at 18.5 °C after being relinquished by URS Corporation of Oak Ridge, TN. The samples were received in good condition and were shipped in glass containers. Prior to and during analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, Inc.

Analysis

The samples were analyzed for Condensible Particulate matter using the analytical procedures in OTM-028, Dry Impinger Method for Determining Condensable Particulate Emissions From Stationary Sources.

All samples were weighed on a Sartorius Model ME 5-F (SN 23104965) certified by Precision Weighing, Inc. through the end of October 2009, NIST Test # 1378199.

Sulfate was determined by titrating the sample with 0.1N NH_4OH using a micro burette.

QC Notes

Blank corrections in OTM-028 are determined by measuring a blank train. The blank total condensable particulate value correction is then used as the blank correction for the samples, as long as it is less than or equal to 2.0 mg. If the blank measurement is above 2.0 mg, then the correction is set at 2.0 mg. In this project the blank measured 1.9 mg.

Enthalpy considers gravimetric analyses for OTM-028 to be ±0.5 mg at best. Therefore, negative catch weights between 0 and –0.5 mg are set to zero and no investigation is undertaken. Negative catch weights <-0.5 mg are investigated. None of the catch results for this data set were negative.

Reporting Notes

The results presented in this report are representative of the samples as provided to the laboratory.

General Reporting Notes

The following are general reporting notes that are applicable to all Enthalpy Analytical, Inc. reports, unless specifically noted otherwise.

- The symbol ***MDL*** represents the Minimum Detection Limit. Below this value the laboratory cannot confim the presence of the analyte of interest reliably.
- The symbol ***LOQ*** represents the Limit of Quantification. Below this value the laboratory cannot quantitate the analyte of interest within the criteria of the method.
- The symbol ***ND*** following a value indicates a non -detect or analytical result below the MDL.
- The symbol ***J*** following a value indicates an analytical result between the MDL and the LOQ. A J flag indicates that the laboratory can positively identify the analyte of interest as present, but the value should be considered an estimate.
- The symbol ***E*** following a value indicates an analytical result exceeding 100% of the highest calibration point.
- The symbol ***DF*** represents a Dilution Factor. This number represents dilutions during the extraction and/or laboratory stages of sample treatment. The analytical result taken from a laboratory instrument is multiplied by the DF to get final results.
- The Sample ID ***MS*** represents a Matrix Spike. An aliquot of an actual sample is spiked with a known amount of analyte so that a percent recovery value can be determined. This shows what effect the sample matrix may have on the target analyte, i.e. whether or not anything in the sample matrix prohibits analysis for the analyte(s).
- The Sample ID ***MSD*** represents a Matrix Spike Duplicate. Prepared in the same manner as an MS, the use of duplicate matrix spikes allows further confirmation of laboratory quality by showing the consistency of results gained by performing the same steps multiple times. Most methods performed by Enthalpy do not require analysis of an MSD.
- The Sample ID ***BS*** represents a Blind Spike. A member of the Quality Assurance department has created BS samples for many of the analytes Enthalpy tests for, and only QA and the Enthalpy Analytical ownership have access to the actual values of these samples. The laboratory analyzes them without knowledge of the actual value, and the spreadsheets get completed for these samples solely by the QA group.
- The Sample ID ***LCS*** represents a Laboratory Control Sample. Whenever spikes are prepared for our clients more spikes are prepared than needed. The extras (randomly chosen) are kept in-house at the appropriate temperature conditions. When the spike samples come back from the client for analysis, the LCSs (usually two are saved) are analyzed to confirm that the analyte could be recovered from the media, separate from the spike samples which were used on the project and which may have had issues caused during collection and/or transport.
- **Significant Figures**: Where the reported value is much greater than unity (1.00) in the units expressed (specifically values of 1,000 or greater), the number is rounded to a whole number of units, rather than to 3 significant figures. For example, a value of 10,456.45 ug catch is rounded to 10,456 ug. There are five significant digits reported, but no confidence should be placed on more than three significant digits.

Sample Custody

URS

Chain of Custody Record

M5/26a HCL

Project	HNCC
Site	URS Oak Ridge
Project Number	39400492
Prepared by	T. Brado

Sample ID	Sample Matrix	Date/Time	Target Compound Hydrocloric Acid	Cl⁻		Hold *Backup sample*	Analyze - EPA Method 26a T	Shipping Container Number	Comments
M5/26-R1-Imp1+2	0.1N H2SO4	4/9/2009 1230hrs	x				X	1	
M5/26-R1-Imp3+4	0.1N NaOH	4/9/2009 1230hrs	~~x~~	X			X	1	
M5/26-R2-Imp1+2	0.1N H2SO4 1230	4/9/2009 ~~1400~~hrs	x				X	1	
M5/26-R2-Imp3+4	0.1N NaOH 1230	4/9/2009 ~~1400~~hrs	~~x~~	X			x	1	
M5/26-R3-Imp1+2	0.1N H2SO4 1625	4/9/2009 ~~1630~~hrs	x				X	1	
M5/26-R3-Imp3+4	0.1N NaOH 1625	4/9/2009 ~~1630~~hrs	~~x~~	X			X	1	
M5/26-Blk-0.1n H2SO4	0.1N H2SO4 1715	4/9/2009 ~~1630~~ hrs	X				X	1	
M5/26-Blk-0.1n NaOH	0.1N NaOH 1715	4/9/09 ~~1630~~hrs	X	X			X	1	
	TAG 4/21/09								
				TAG 4/21/09					

Relinquished by:	Date	Time	Received by:	Date	Time	Relinquished by:	Date	Time
T. Brado	4/21/09	1600hrs						
Received by:	**Date**	**Time**	**Relinquished by:**	**Date**	**Time**			

Received for Laboratory b	Date	Time	Airbill No.	Opened by:	Seal #	Date	Time	Temp (C)
	4/21/09	10:00						19.5°C

Seal #	Condition

Remarks * RECEIVED IN GLASS *
TAG

URS

Chain of Custody Record

OTM28

Project	HNCC
Site	URS Oak Ridge
Project Number	39400492
Prepared by	T. Brado

Sample ID	Sample Matrix	Date/Time	Target Compound Condensible Particulate Matter			Hold *Backup sample*	Analyze - EPA Method OTM2	Shipping Container Number	Comments
OTM28-R1-Condensate	H20	4/9/09 1230hrs	X				X	1	
OTM28-R1-Acetone Rinse	Acetone	4/9/09 1230hrs	X				X	1	
OTM28-R1-MeCl2 Rinse	MeCl2	4/9/09 1230hrs	X				X	1	
OTM28-R1-CPM Filter	Filter	4/9/09 1230hrs	X				X	1	
OTM28-R2-Condensate	H20	4/9/09 1400hrs	X				X	1	
OTM28-R2-Acetone Rinse	Acetone	4/9/09 1400hrs	X				X	1	
OTM28-R2-MeCl2 Rinse	MeCl2	4/9/09 1400hrs	X				X	1	
OTM28-R2-CPM Filter	Filter	4/9/09 1400hrs	X				X	1	
OTM28-R3-Condensate	H20	4/9/09 ~~1430~~hrs 1645	X				X	1	
OTM28-R3-Acetone Rinse	Acetone	4/9/09 ~~1430~~hrs 1645	X				X	1	
OTM28-R3-MeCl2	MeCl2	4/9/09 ~~1430~~hrs 1645	X				X	1	
OTM28-R3- CPM filter	Filter	4/9/09 ~~1430~~hrs 1645	X				X	1	

Remarks: ~~See Test Plan for Analyte List~~ TB

Relinquished by:	Date	Time	Received by:	Date	Time	Relinquished by:	Date	Time
T. Brado	4/20/09	1600hrs						

Received by:	Date	Time	Relinquished by:	Date	Time

Received for Laboratory by	Date	Time	Airbill No.	Opened by:	Seal #	Date	Time	Temp (C)
	4/20/09	10:00						19.5 °C

Seal #	Condition

Remarks

URS

Chain of Custody Record

OTM28

Project	HNCC
Site	URS Oak Ridge
Project Number	39400492
Prepared by	T. Brado

Sample ID	Sample Matrix	Date/Time	Target Compound Condensible Particulate Matter			Hold *Backup sample*	Analyze - EPA Method OTM2	Shipping Container Number	Comments
OTM28-Blk-Condensate	H20	4/9/09 ~~1430~~ 1715 hrs	X				X	1	
OTM28-Blk-Acetone Rinse	Acetone	4/9/09 ~~1430~~ 1715 hrs	X				X	1	
OTM28-Blk-MeCl2 Rinse	MeCl2	4/9/09 ~~1430~~ 1715 hrs	X				X	1	
		T.G 4/21/09							

Relinquished by:	Date	Time	Received by:	Date	Time	Relinquished by:	Date	Time
T. Brado	4/9/09	1600hrs						
Received by:	Date	Time	Relinquished by:	Date	Time			

Received for Laboratory by	Date	Time	Airbill No.	Opened by:	Seal #	Date	Time	Temp (C)
	4/21/09	10:00						18.5°C

Seal #	Condition

Remarks

Sample Chromatograms
Method 26A
NaOH Fractions

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\011-1201.D
Sample Name: R1 I3&4*4.002

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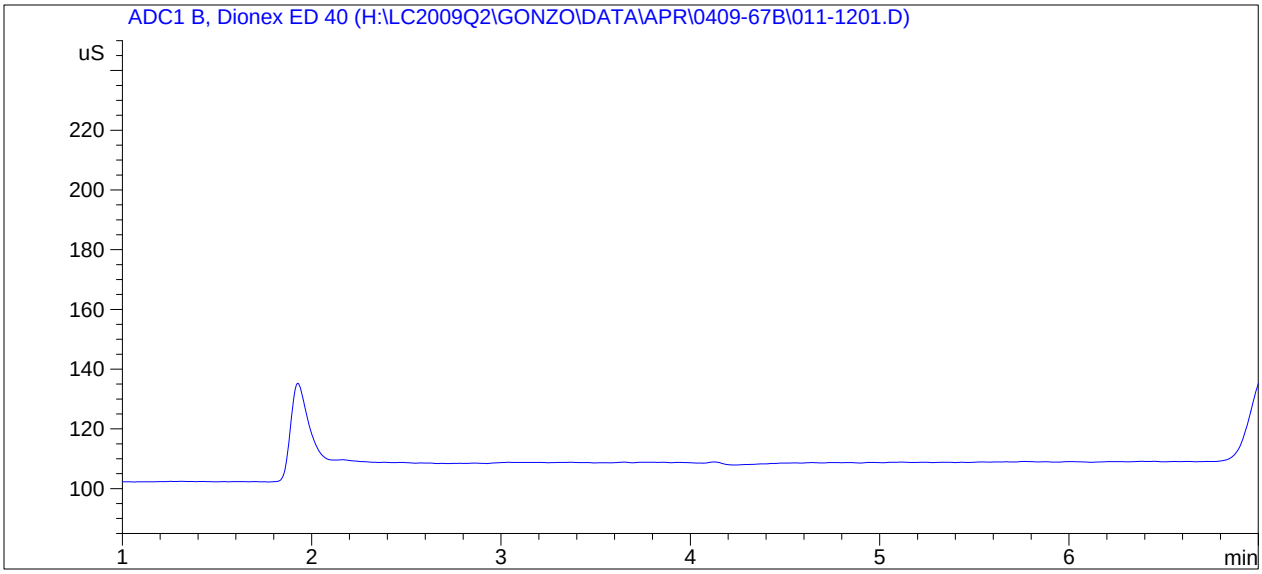
Acq. Operator	: MDS	Seq. Line	: 12
Acq. Instrument	: Gonzo	Location	: Vial 11
Injection Date	: 4/27/2009 2:20:57 PM	Inj	: 1
		Inj Volume	: 25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M		
Last changed	: 4/13/2009 9:16:35 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67D.M		
Last changed	: 4/28/2009 10:29:32 AM by MDS		
Sample Info	: 0409-67		



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:29:24 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.204		-	-	-		Chloride

Totals : 0.00000

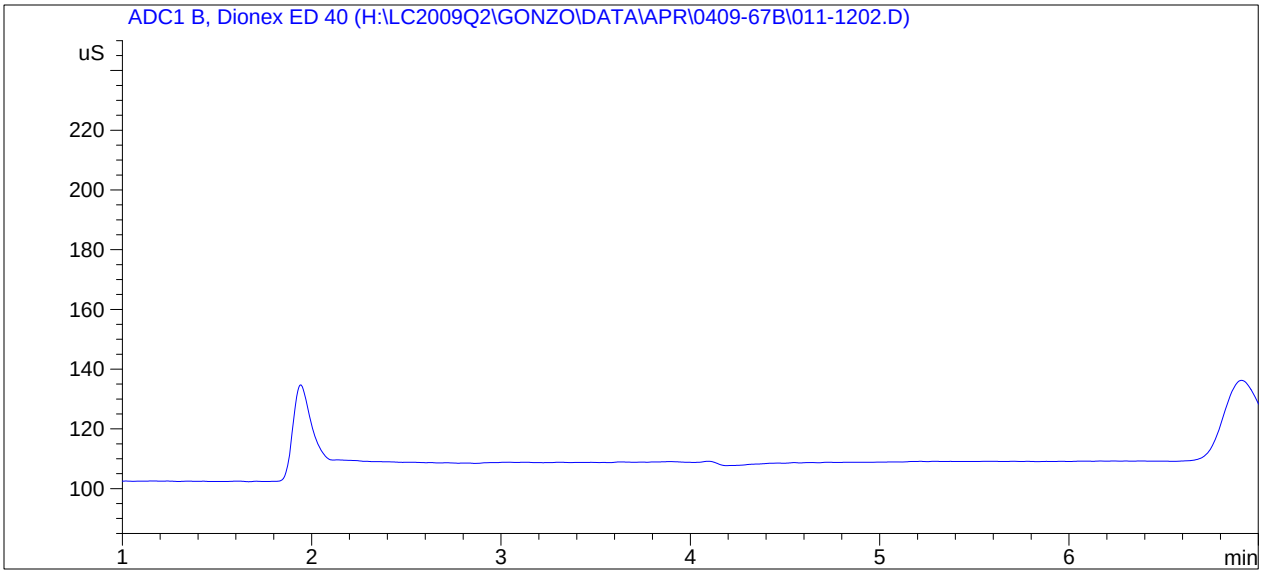
1 Warnings or Errors :

Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\011-1202.D
Sample Name: R1 I3&4*4.002

```
==========================================================================
Acq. Operator   : MDS                              Seq. Line :  12
Acq. Instrument : Gonzo                             Location : Vial 11
Injection Date  : 4/27/2009 2:37:53 PM                   Inj :   2
                                                  Inj Volume : 25 µl
Acq. Method     : H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M
Last changed    : 4/13/2009 9:16:35 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67D.M
Last changed    : 4/28/2009 10:29:32 AM by MDS
Sample Info     : 0409-67
```

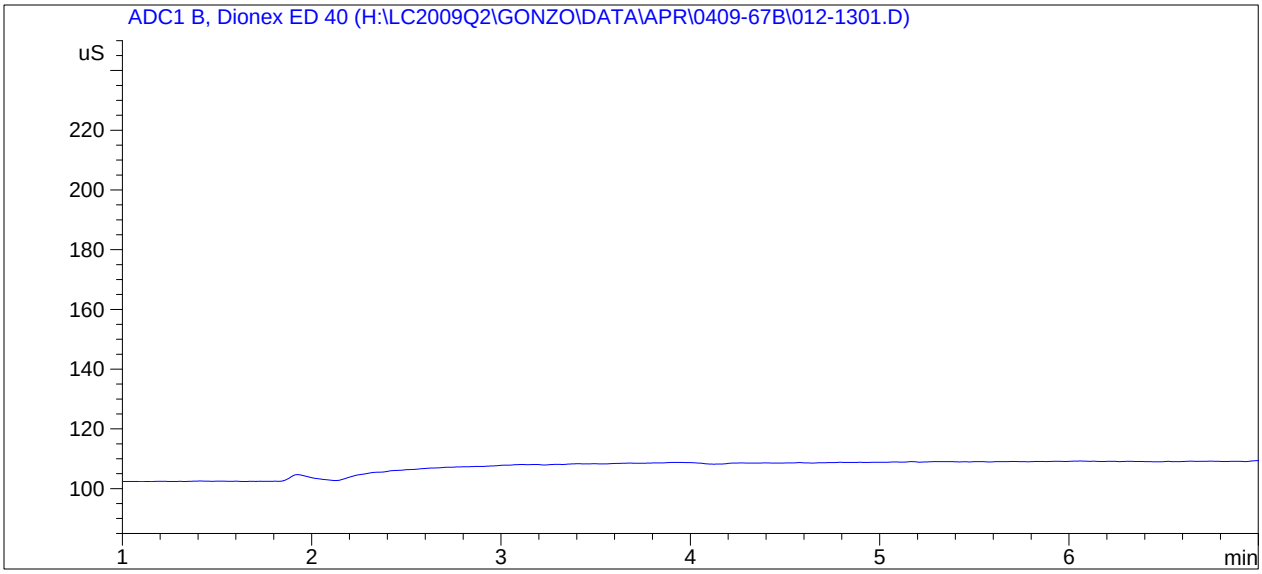



```
==========================================================================
                        External Standard Report
==========================================================================

Sorted By             :      Signal
Calib. Data Modified  :      4/28/2009 10:29:24 AM
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime  Type     Area     Amt/Area    Amount   Grp   Name
 [min]          [uS*s]                [ug/mL]
-------|------|----------|----------|----------|--|------------------
  4.204            -          -          -         Chloride

Totals :                                 0.00000


1 Warnings or Errors :

Warning : Calibrated compound(s) not found

==========================================================================
```

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\012-1301.D
Sample Name: R2 I3&4*4.002

==========

Acq. Operator	: MDS	Seq. Line	: 13
Acq. Instrument	: Gonzo	Location	: Vial 12
Injection Date	: 4/27/2009 2:54:40 PM	Inj	: 1
		Inj Volume	: 25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M		
Last changed	: 4/13/2009 9:16:35 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67D.M		
Last changed	: 4/28/2009 10:29:32 AM by MDS		
Sample Info	: 0409-67		



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:29:24 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.204		-	-	-		Chloride

Totals : 0.00000

1 Warnings or Errors :

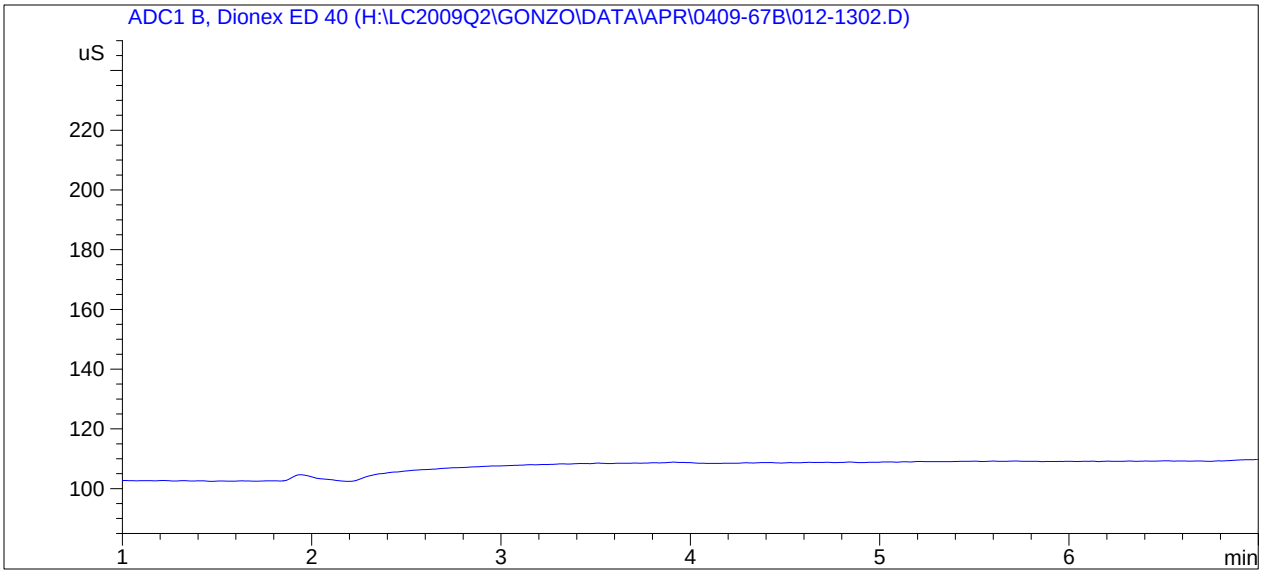
Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\012-1302.D
Sample Name: R2 I3&4*4.002

==========

Acq. Operator	: MDS	Seq. Line	: 13
Acq. Instrument	: Gonzo	Location	: Vial 12
Injection Date	: 4/27/2009 3:11:37 PM	Inj	: 2
		Inj Volume	: 25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M		
Last changed	: 4/13/2009 9:16:35 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67D.M		
Last changed	: 4/28/2009 10:29:32 AM by MDS		
Sample Info	: 0409-67		



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:29:24 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.204		-	-	-		Chloride

Totals : 0.00000

1 Warnings or Errors :

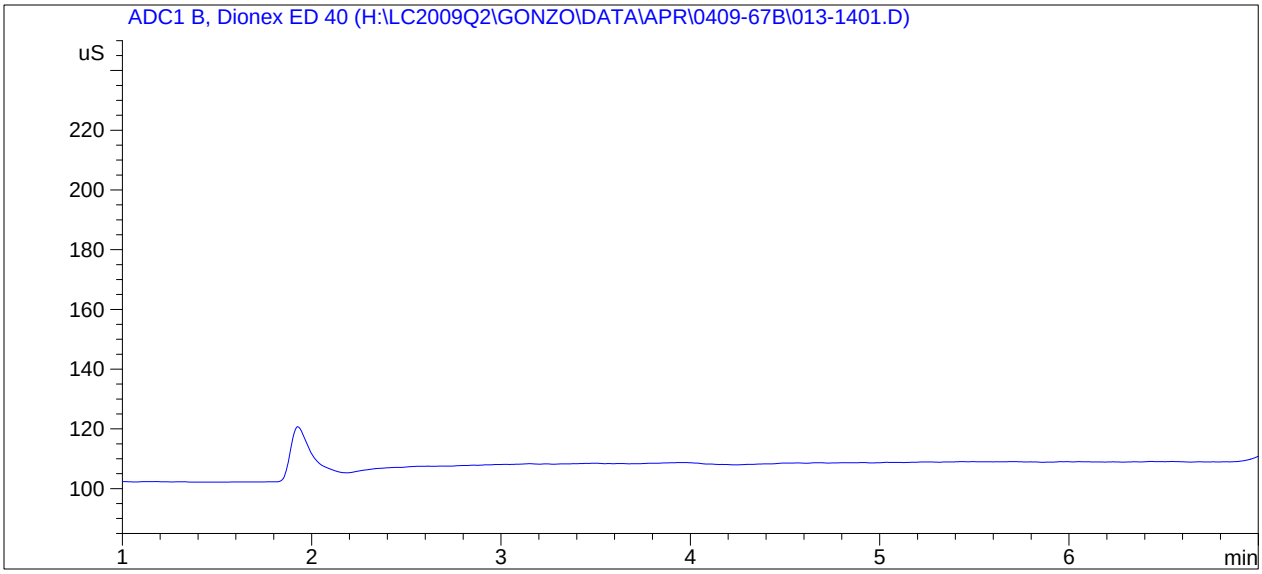
Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\013-1401.D
Sample Name: R3 I3&4*4.002

==========

Acq. Operator : MDS
Seq. Line : 14
Acq. Instrument : Gonzo
Location : Vial 13
Injection Date : 4/27/2009 3:28:28 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M
Last changed : 4/13/2009 9:16:35 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67D.M
Last changed : 4/28/2009 10:29:32 AM by MDS
Sample Info : 0409-67



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:29:24 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.204		-	-	-		Chloride

Totals : 0.00000

1 Warnings or Errors :

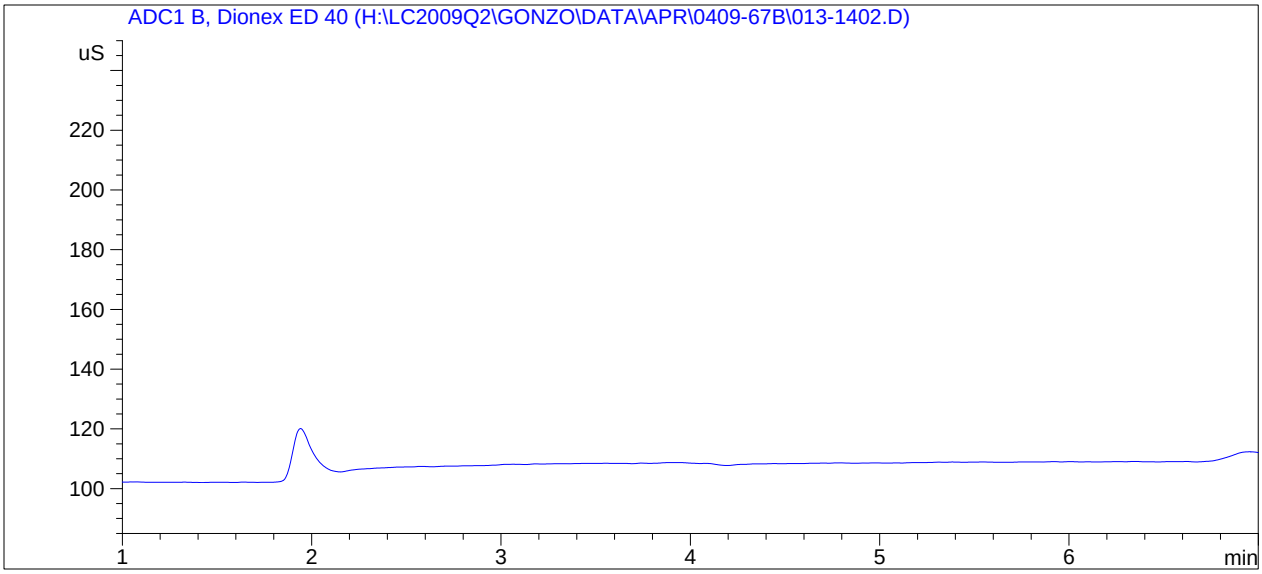
Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\013-1402.D
Sample Name: R3 I3&4*4.002

==========

Acq. Operator	: MDS	Seq. Line	: 14
Acq. Instrument	: Gonzo	Location	: Vial 13
Injection Date	: 4/27/2009 3:45:21 PM	Inj	: 2
		Inj Volume	: 25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M		
Last changed	: 4/13/2009 9:16:35 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67D.M		
Last changed	: 4/28/2009 10:29:32 AM by MDS		
Sample Info	: 0409-67		



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:29:24 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.204		-	-	-		Chloride

Totals : 0.00000

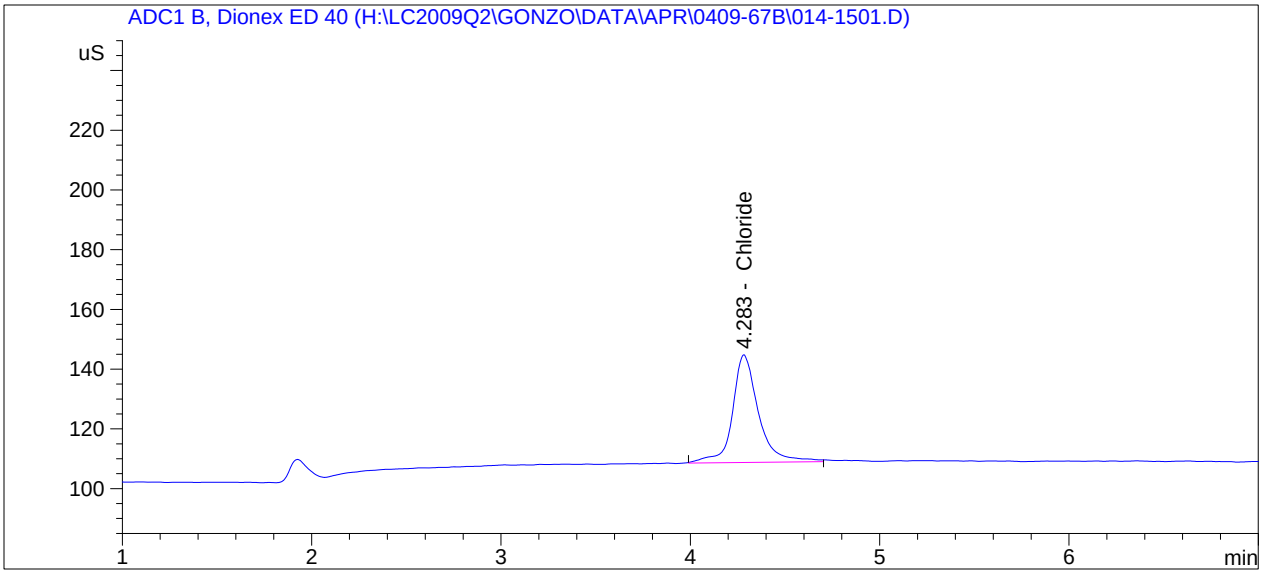
1 Warnings or Errors :

Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\014-1501.D
Sample Name: NaOH Bk*4.1

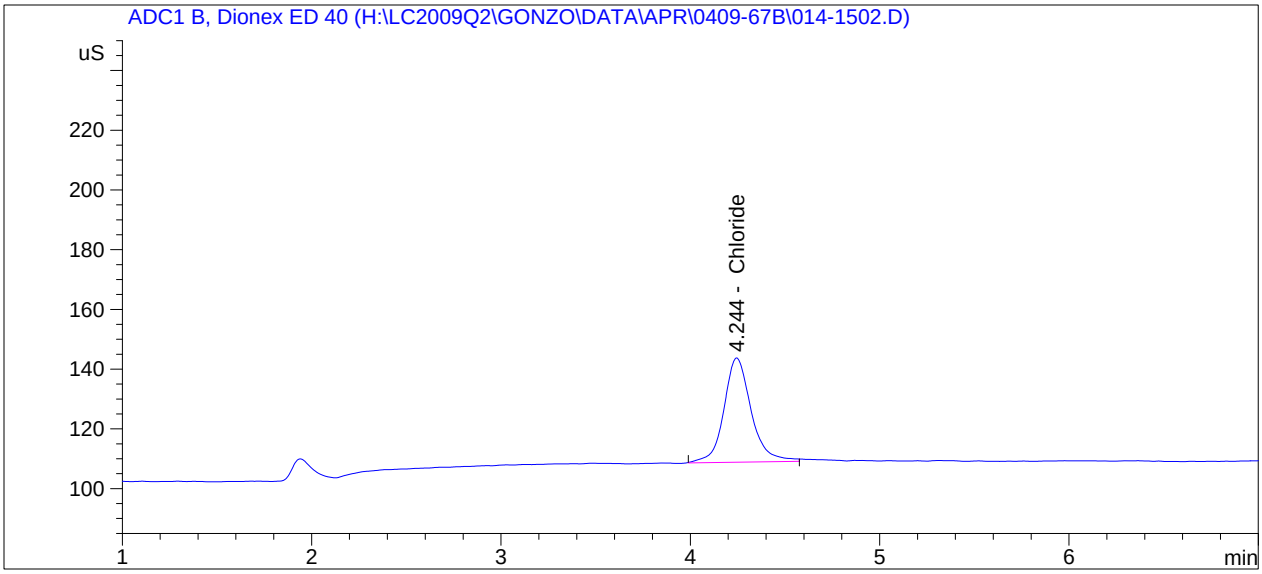
```
==========================================================================
Acq. Operator   : MDS                              Seq. Line :  15
Acq. Instrument : Gonzo                             Location : Vial 14
Injection Date  : 4/27/2009 4:02:19 PM                   Inj :   1
                                                  Inj Volume : 25 µl
Acq. Method     : H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M
Last changed    : 4/13/2009 9:16:35 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67D.M
Last changed    : 4/28/2009 10:29:32 AM by MDS
Sample Info     : 0409-67 Sample Blank
```




```
==========================================================================
                        External Standard Report
==========================================================================

Sorted By             :      Signal
Calib. Data Modified  :      4/28/2009 10:29:24 AM
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime  Type     Area     Amt/Area    Amount   Grp   Name
 [min]          [uS*s]                [ug/mL]
-------|------|----------|----------|----------|--|------------------
  4.283 BB      344.73517 1.22834e-2    4.23450    Chloride

Totals :                                4.23450


==========================================================================
                           *** End of Report ***
```

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\014-1502.D
Sample Name: NaOH Bk*4.1

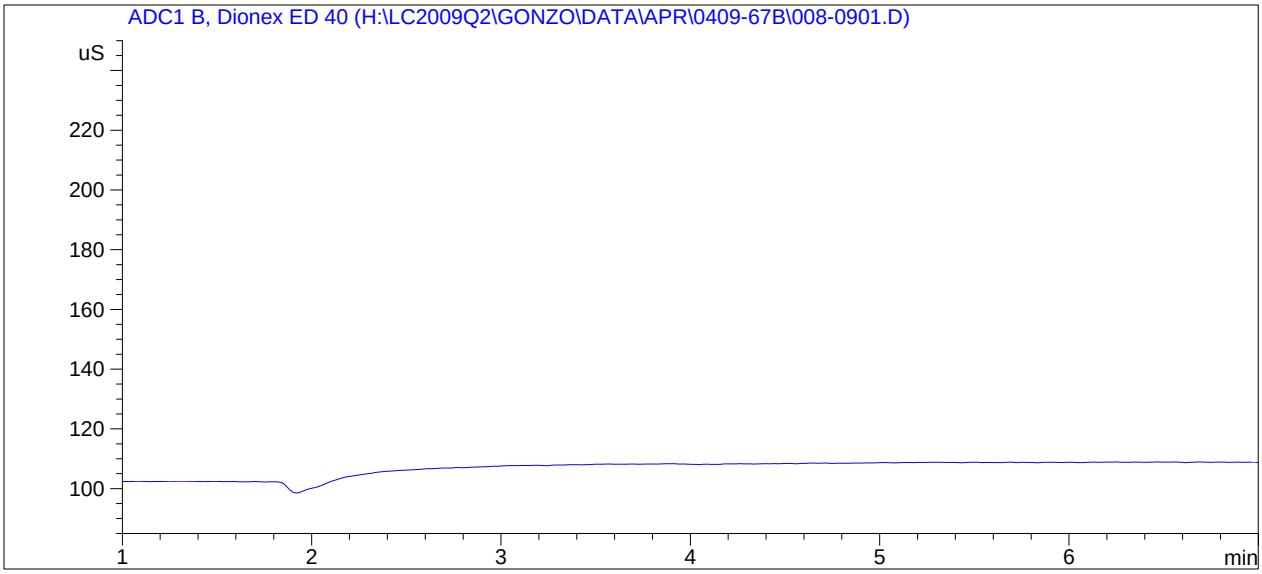
```
==========================================================================
Acq. Operator    : MDS                              Seq. Line :  15
Acq. Instrument  : Gonzo                             Location : Vial 14
Injection Date   : 4/27/2009 4:19:14 PM                   Inj :   2
                                                   Inj Volume : 25 µl
Acq. Method      : H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M
Last changed     : 4/13/2009 9:16:35 AM by MDS
Analysis Method  : H:\LC2009Q2\GONZO\METHODS\0409-67D.M
Last changed     : 4/28/2009 10:29:32 AM by MDS
Sample Info      : 0409-67 Sample Blank
```




```
==========================================================================
                        External Standard Report
==========================================================================

Sorted By             :      Signal
Calib. Data Modified  :      4/28/2009 10:29:24 AM
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime  Type     Area     Amt/Area    Amount   Grp   Name
 [min]          [uS*s]                [ug/mL]
-------|------|----------|----------|----------|--|------------------
  4.244 BB      349.31500 1.22854e-2    4.29147    Chloride

Totals :                                4.29147


==========================================================================
                          *** End of Report ***
```

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\008-0901.D
Sample Name: NaOH Rgt Blank

```
==========================================================================
Acq. Operator   : MDS                              Seq. Line :   9
Acq. Instrument : Gonzo                             Location : Vial 8
Injection Date  : 4/27/2009 1:11:19 PM                   Inj :   1
                                                  Inj Volume : 25 µl
Acq. Method     : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed    : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed    : 4/28/2009 10:12:04 AM by MDS
Sample Info     : 0.01N NaOH, used to prepare standards
```

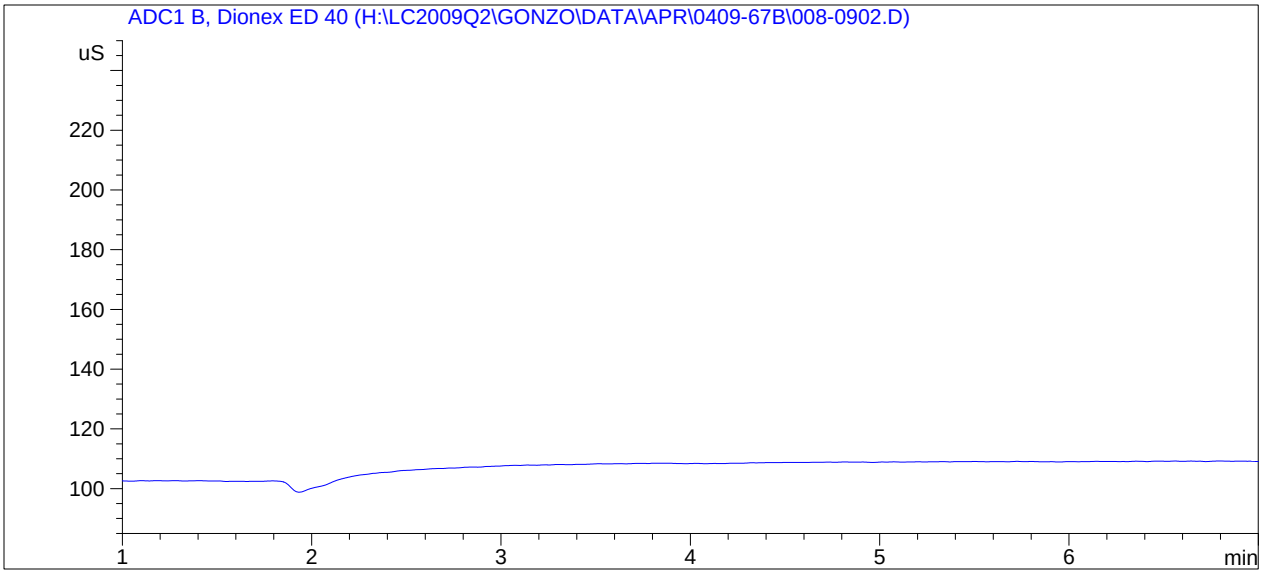



```
==========================================================================
                        External Standard Report
==========================================================================

Sorted By             :      Signal
Calib. Data Modified  :      4/28/2009 10:12:00 AM
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime  Type     Area     Amt/Area    Amount   Grp   Name
 [min]          [uS*s]                [ug/mL]
-------|------|----------|----------|----------|--|------------------
  2.914            -          -          -         Fluoride
  4.204            -          -          -         Chloride

Totals :                                 0.00000


1 Warnings or Errors :

Warning : Calibrated compound(s) not found

==========================================================================
```

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\008-0902.D
Sample Name: NaOH Rgt Blank

==========

Acq. Operator	: MDS	Seq. Line :	9
Acq. Instrument	: Gonzo	Location :	Vial 8
Injection Date	: 4/27/2009 1:20:19 PM	Inj :	2
		Inj Volume :	25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M		
Last changed	: 4/13/2009 9:15:58 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67B.M		
Last changed	: 4/28/2009 10:12:04 AM by MDS		
Sample Info	: 0.01N NaOH, used to prepare standards		



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.914		-	-	-		Fluoride
4.204		-	-	-		Chloride

Totals : 0.00000

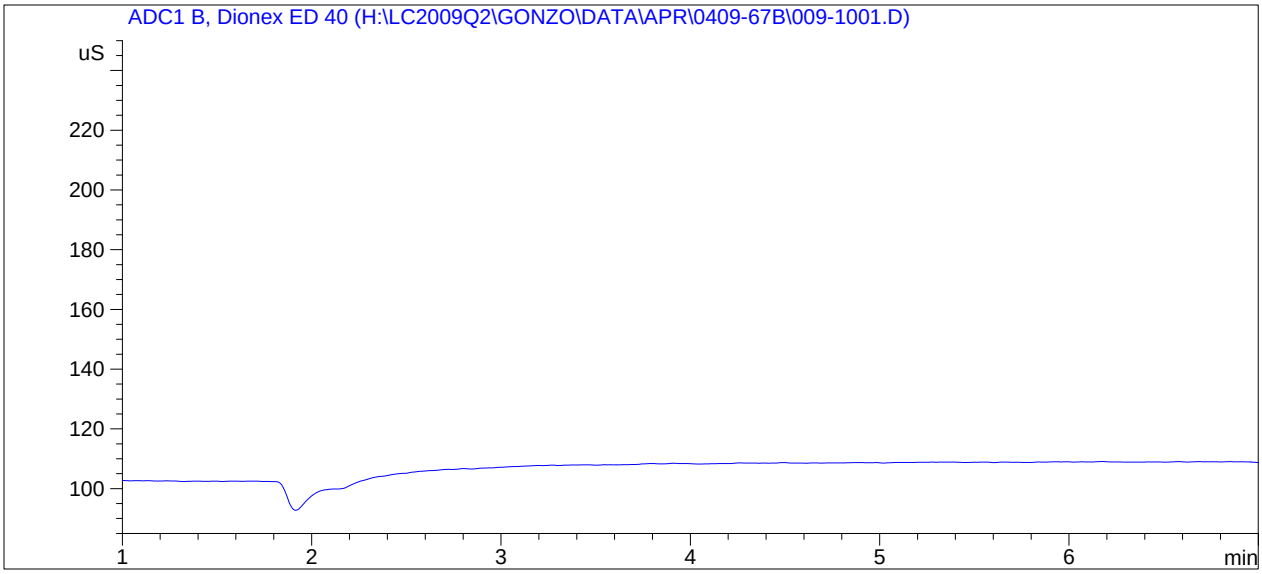
1 Warnings or Errors :

Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\009-1001.D
Sample Name: DI H2O Rgt Blank

```
==========================================================================
Acq. Operator   : MDS                              Seq. Line :  10
Acq. Instrument : Gonzo                             Location : Vial 9
Injection Date  : 4/27/2009 1:29:05 PM                   Inj :   1
                                                  Inj Volume : 25 µl
Acq. Method     : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed    : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed    : 4/28/2009 10:12:04 AM by MDS
Sample Info     : used to dilute samples
```

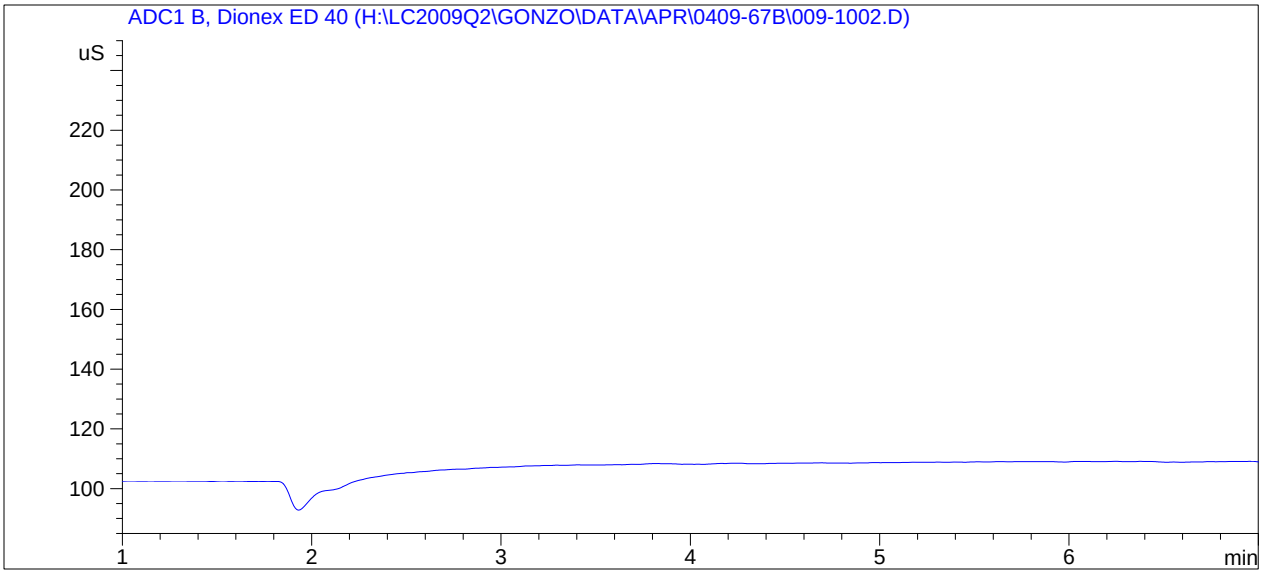



```
==========================================================================
                        External Standard Report
==========================================================================

Sorted By             :      Signal
Calib. Data Modified  :      4/28/2009 10:12:00 AM
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime  Type     Area     Amt/Area    Amount   Grp   Name
 [min]          [uS*s]                [ug/mL]
-------|------|----------|----------|----------|--|------------------
  2.914            -          -          -         Fluoride
  4.204            -          -          -         Chloride

Totals :                                 0.00000


1 Warnings or Errors :

Warning : Calibrated compound(s) not found

==========================================================================
```

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\009-1002.D
Sample Name: DI H2O Rgt Blank

==========

Acq. Operator : MDS
Seq. Line : 10
Acq. Instrument : Gonzo
Location : Vial 9
Injection Date : 4/27/2009 1:38:07 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS
Sample Info : used to dilute samples



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.914		-	-	-		Fluoride
4.204		-	-	-		Chloride

Totals : 0.00000

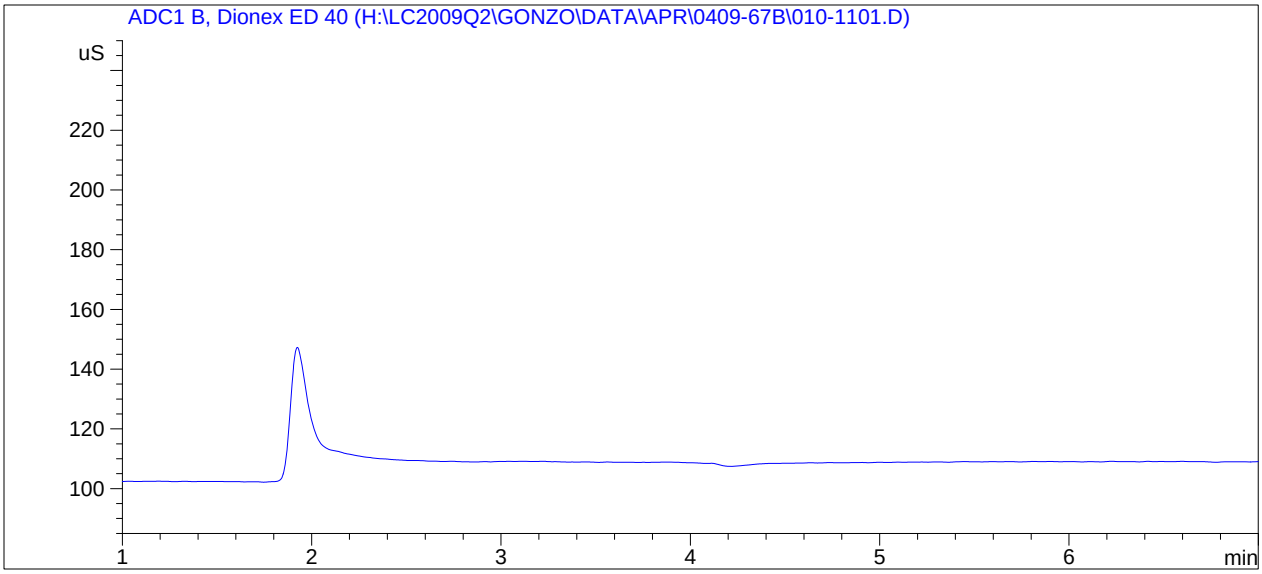
1 Warnings or Errors :

Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\010-1101.D
Sample Name: Method Blank*4.1

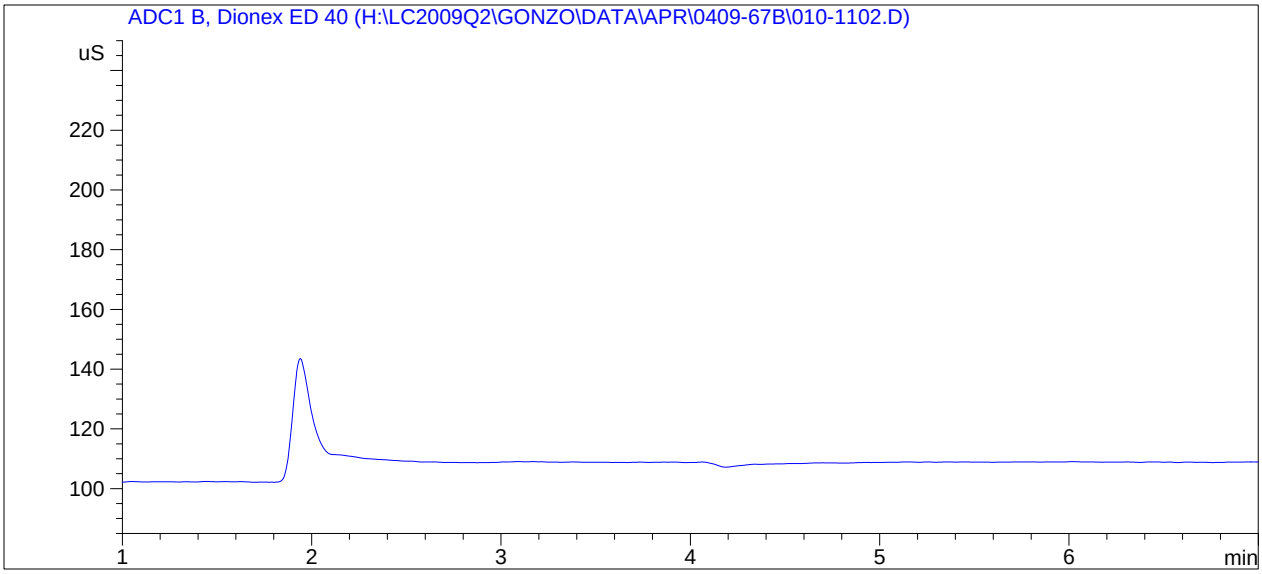
```
==========================================================================
Acq. Operator   : MDS                              Seq. Line :  11
Acq. Instrument : Gonzo                             Location : Vial 10
Injection Date  : 4/27/2009 1:47:06 PM                   Inj :   1
                                                  Inj Volume : 25 µl
Acq. Method     : H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M
Last changed    : 4/13/2009 9:16:35 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed    : 4/28/2009 10:12:04 AM by MDS
Sample Info     : 0.1N NaOH, pH-adjusted
```




```
==========================================================================
                        External Standard Report
==========================================================================

Sorted By             :      Signal
Calib. Data Modified  :      4/28/2009 10:12:00 AM
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime  Type     Area     Amt/Area    Amount   Grp   Name
 [min]          [uS*s]                [ug/mL]
-------|------|----------|----------|----------|--|------------------
  2.914            -          -          -         Fluoride
  4.204            -          -          -         Chloride

Totals :                                 0.00000


1 Warnings or Errors :

Warning : Calibrated compound(s) not found

==========================================================================
```

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\010-1102.D
Sample Name: Method Blank*4.1

```
==========================================================================
Acq. Operator   : MDS                              Seq. Line :  11
Acq. Instrument : Gonzo                             Location : Vial 10
Injection Date  : 4/27/2009 2:03:54 PM                   Inj :   2
                                                  Inj Volume : 25 µl
Acq. Method     : H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M
Last changed    : 4/13/2009 9:16:35 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed    : 4/28/2009 10:12:04 AM by MDS
Sample Info     : 0.1N NaOH, pH-adjusted
```

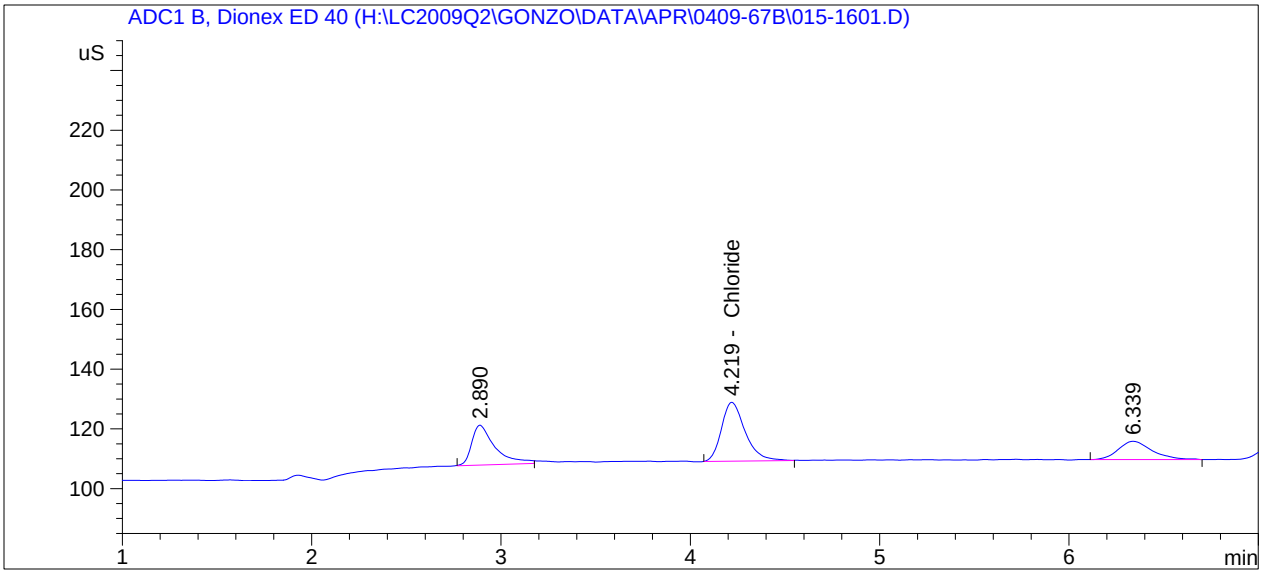



```
==========================================================================
                        External Standard Report
==========================================================================

Sorted By             :      Signal
Calib. Data Modified  :      4/28/2009 10:12:00 AM
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime  Type     Area     Amt/Area    Amount   Grp   Name
 [min]          [uS*s]                [ug/mL]
-------|------|----------|----------|----------|--|------------------
  2.914            -          -          -         Fluoride
  4.204            -          -          -         Chloride

Totals :                                 0.00000


1 Warnings or Errors :

Warning : Calibrated compound(s) not found

==========================================================================
```

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\015-1601.D
Sample Name: MS/R1 I3&4

==========

Acq. Operator	: MDS	Seq. Line	: 16
Acq. Instrument	: Gonzo	Location	: Vial 15
Injection Date	: 4/27/2009 4:36:13 PM	Inj	: 1
		Inj Volume	: 25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M		
Last changed	: 4/13/2009 9:16:35 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67D.M		
Last changed	: 4/28/2009 10:29:32 AM by MDS		
Sample Info	: 0409-67 Matrix Spike		



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:29:24 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.219	BB	171.68378	1.21278e-2	2.08215		Chloride
Totals :				2.08215		

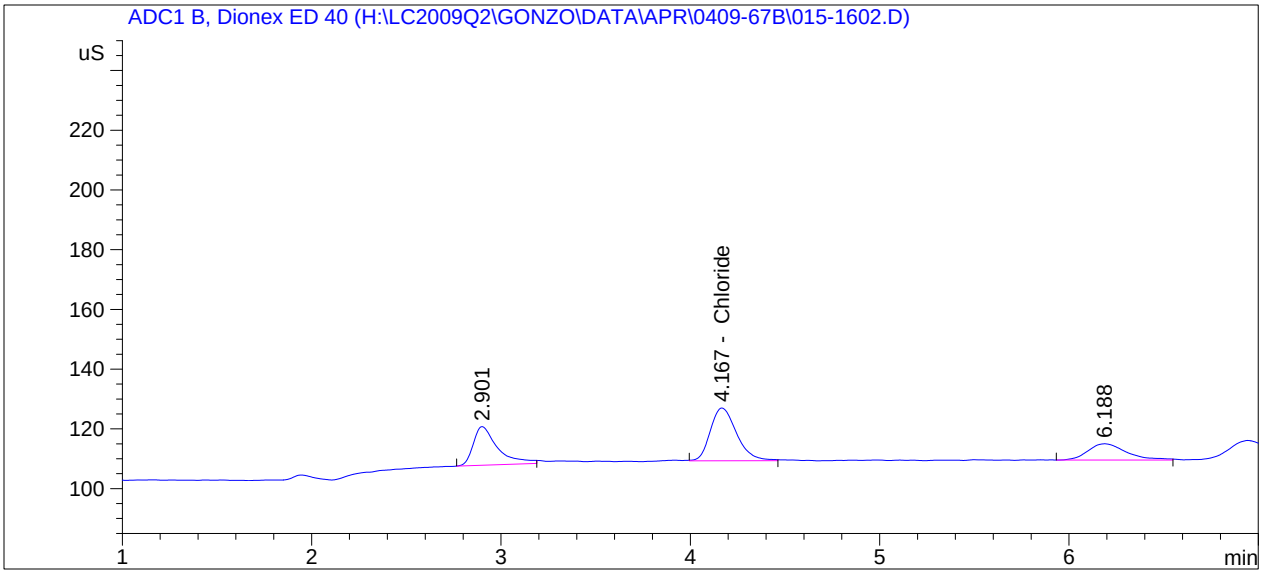
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\015-1602.D
Sample Name: MS/R1 I3&4

==========

Acq. Operator : MDS
Seq. Line : 16
Acq. Instrument : Gonzo
Location : Vial 15
Injection Date : 4/27/2009 4:53:02 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M
Last changed : 4/13/2009 9:16:35 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67D.M
Last changed : 4/28/2009 10:29:32 AM by MDS
Sample Info : 0409-67 Matrix Spike



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:29:24 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.167	BB	170.85880	1.21263e-2	2.07189		Chloride

Totals : 2.07189

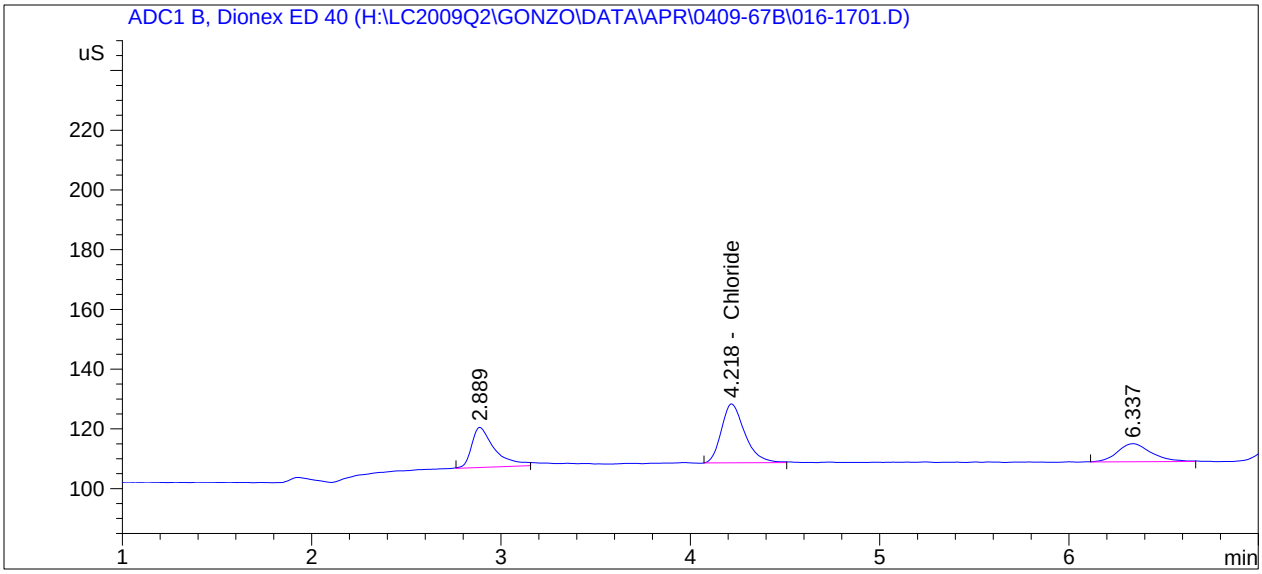
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\016-1701.D
Sample Name: MSD/R1 I3*4

==========

Acq. Operator : MDS
Seq. Line : 17
Acq. Instrument : Gonzo
Location : Vial 16
Injection Date : 4/27/2009 5:10:04 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M
Last changed : 4/13/2009 9:16:35 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67D.M
Last changed : 4/28/2009 10:29:32 AM by MDS
Sample Info : 0409-67 Matrix Spike Duplicate



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:29:24 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.218	BB	169.60458	1.21240e-2	2.05629		Chloride

Totals : 2.05629

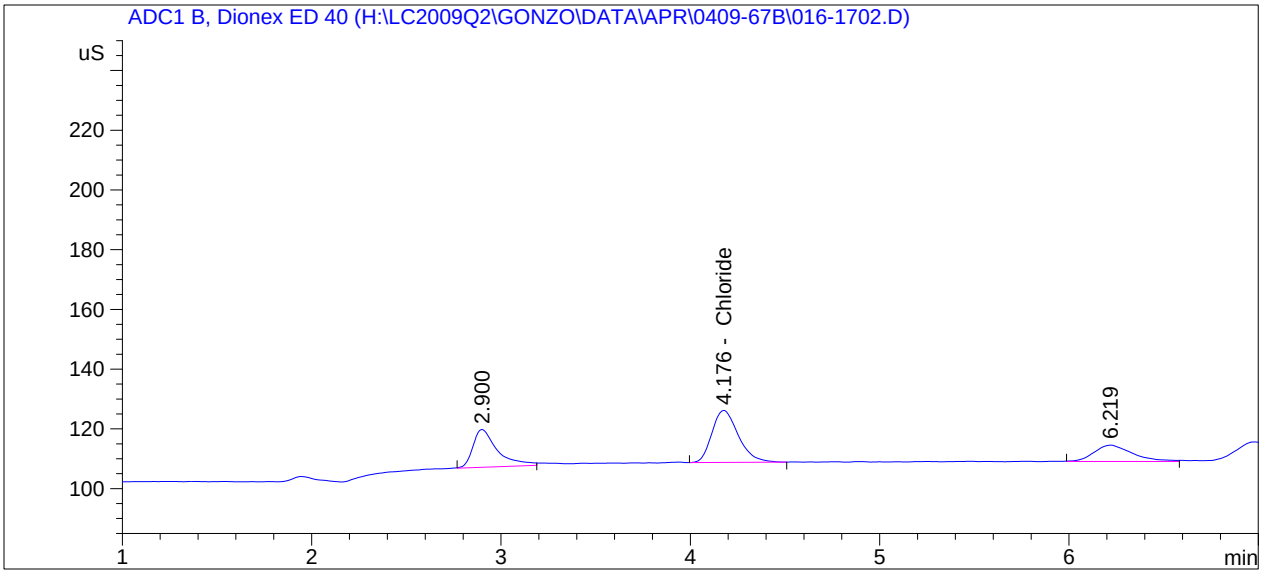
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\016-1702.D
Sample Name: MSD/R1 I3*4

==========

Acq. Operator	: MDS	Seq. Line	: 17
Acq. Instrument	: Gonzo	Location	: Vial 16
Injection Date	: 4/27/2009 5:26:57 PM	Inj	: 2
		Inj Volume	: 25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M		
Last changed	: 4/13/2009 9:16:35 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67D.M		
Last changed	: 4/28/2009 10:29:32 AM by MDS		
Sample Info	: 0409-67 Matrix Spike Duplicate		



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:29:24 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.176	BB	168.61079	1.21222e-2	2.04393		Chloride

Totals : 2.04393

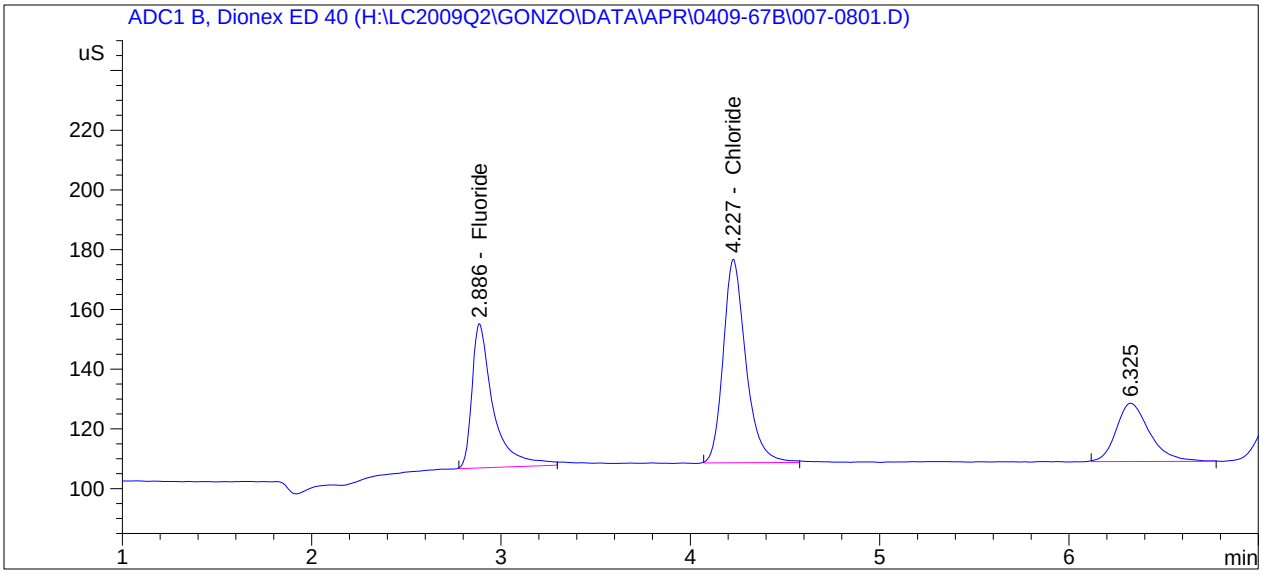
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\007-0801.D
Sample Name: hplc44pg56 LCS

==========

Acq. Operator	: MDS	Seq. Line :	8
Acq. Instrument	: Gonzo	Location :	Vial 7
Injection Date	: 4/27/2009 12:53:21 PM	Inj :	1
		Inj Volume :	25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M		
Last changed	: 4/13/2009 9:15:58 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67B.M		
Last changed	: 4/28/2009 10:12:04 AM by MDS		
Sample Info	: LCS/Second Source		



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External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name	tag value:
2.886	BB	376.67892	9.26874e-3	3.49134		Fluoride	3.72 ug/mL
4.227	BB	566.68439	1.23438e-2	6.99503		Chloride	7.45 ug/mL
Totals :				10.48637			

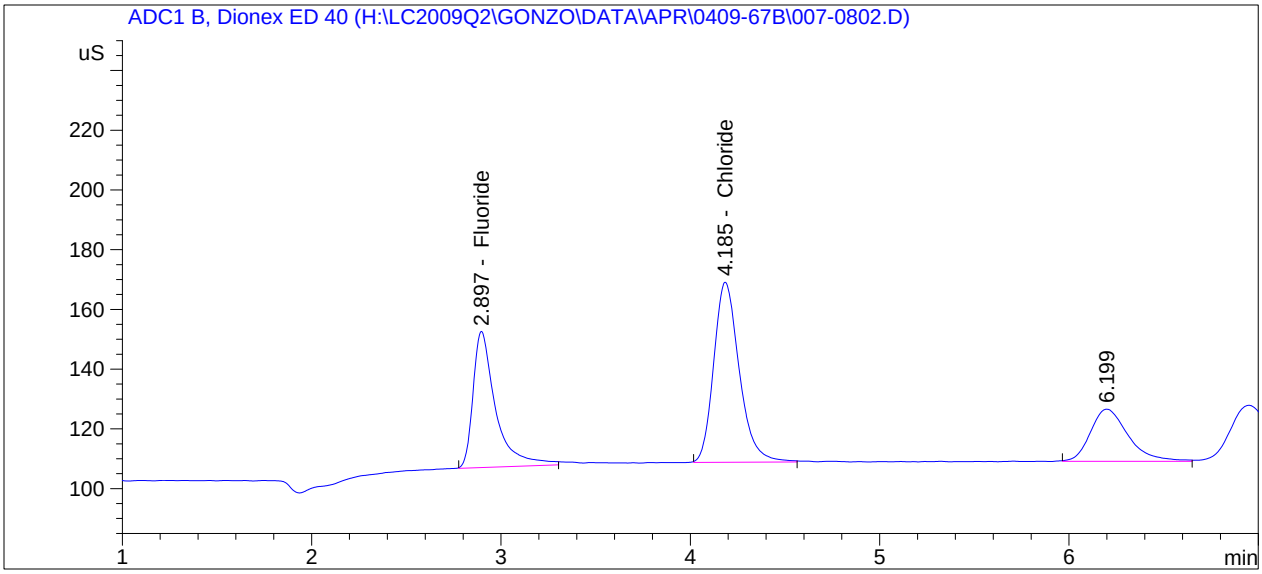
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\007-0802.D
Sample Name: hplc44pg56 LCS

==========

Acq. Operator	: MDS	Seq. Line :	8
Acq. Instrument	: Gonzo	Location :	Vial 7
Injection Date	: 4/27/2009 1:02:18 PM	Inj :	2
		Inj Volume :	25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M		
Last changed	: 4/13/2009 9:15:58 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67B.M		
Last changed	: 4/28/2009 10:12:04 AM by MDS		
Sample Info	: LCS/Second Source		



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name	tag value:
2.897	BB	377.68451	9.26869e-3	3.50064		Fluoride	3.72 ug/mL
4.185	BB	566.17499	1.23437e-2	6.98869		Chloride	7.45 ug/mL
Totals :				10.48933			

==========

*** End of Report ***

Curve(s)/QA Point(s)
Chromatograms
Method 26A
NaOH Fractions

==========

Calibration Table

==========

Calib. Data Modified : 4/28/2009 10:12:00 AM

Calculate : External Standard
Based on : Peak Area

Rel. Reference Window : 20.000 %
Abs. Reference Window : 0.000 min
Rel. Non-ref. Window : 20.000 %
Abs. Non-ref. Window : 0.000 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Connected
Weight : Linear (Amnt)

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Lvl Sig		Amount [ug/mL]	Area	Amt/Area	Ref	Grp	Name
2.914	1	1	2.17000e-1	24.32780	8.91984e-3			Fluoride
		2	1.19000	120.93422	9.84006e-3			
		3	2.27000	236.77079	9.58733e-3			
		4	3.26000	348.81039	9.34605e-3			
		5	4.59000	491.77987	9.33344e-3			
		6	6.48000	719.42430	9.00720e-3			
4.204	1	1	4.34000e-1	42.59531	1.01889e-2			Chloride
		2	2.38000	181.38064	1.31216e-2			
		3	4.55000	355.98218	1.27815e-2			
		4	6.52000	521.36063	1.25057e-2			
		5	9.18000	736.90388	1.24575e-2			
		6	13.00000	1087.02072	1.19593e-2			

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Peak Sum Table

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No Entries in table

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Calibration Curves

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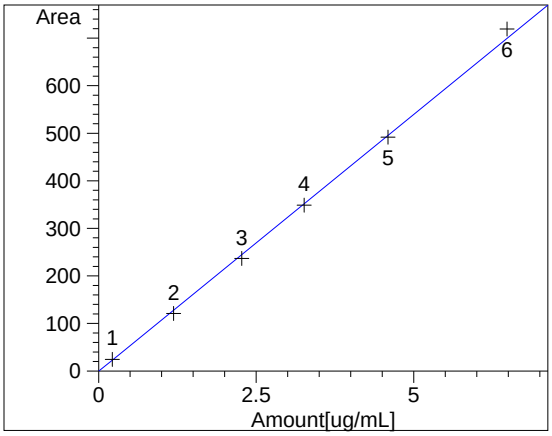
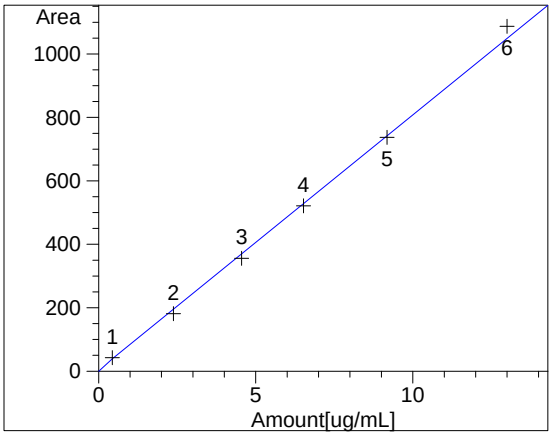


Fluoride at exp. RT: 2.914
ADC1 B, Dionex ED 40
Correlation: 0.99950
Residual Std. Dev.: 11.36598
Formula: y = mx + b
m: 108.13380
b: -8.52988e-1
x: Amount
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.182353
Level 3 : 0.095595
Level 4 : 0.066564
Level 5 : 0.047277
Level 6 : 0.033488



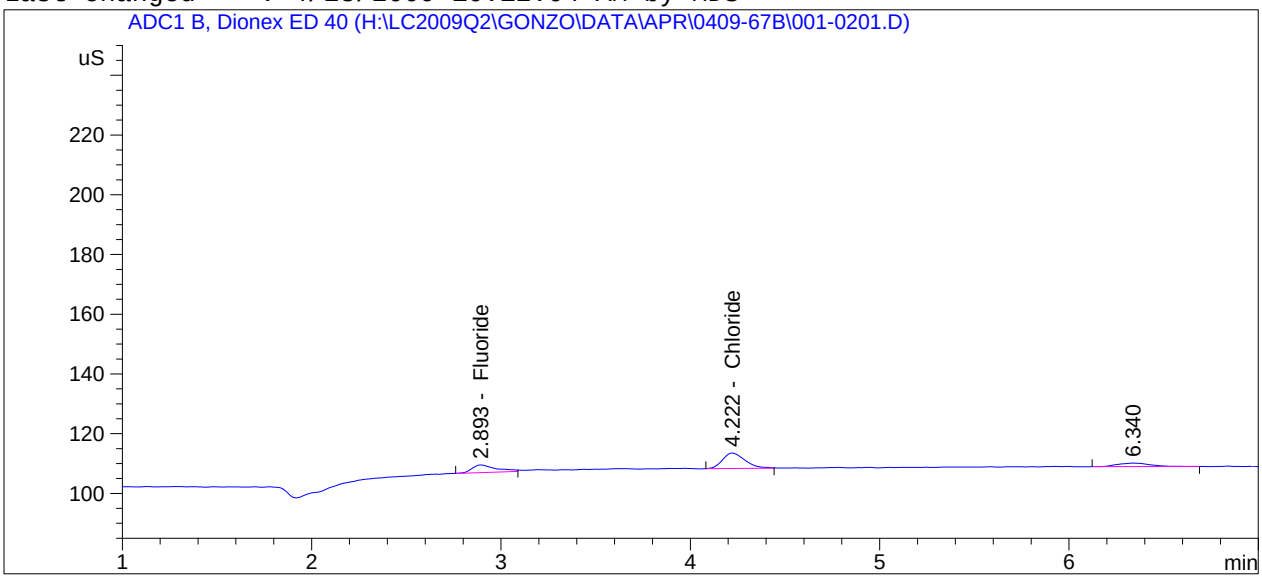
Chloride at exp. RT: 4.204
ADC1 B, Dionex ED 40
Correlation: 0.99915
Residual Std. Dev.: 21.81315
Formula: y = mx + b
m: 80.40111
b: 4.27628
x: Amount
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.182353
Level 3 : 0.095385
Level 4 : 0.066564
Level 5 : 0.047277
Level 6 : 0.033385

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\001-0201.D
Sample Name: hplc44pg56 #1

==========

Acq. Operator : MDS
Seq. Line : 2
Acq. Instrument : Gonzo
Location : Vial 1
Injection Date : 4/27/2009 11:05:42 AM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.893	BB	23.09114	9.58942e-3	2.21431e-1		Fluoride
4.222	BB	42.60024	1.11891e-2	4.76660e-1		Chloride

Totals : 6.98090e-1

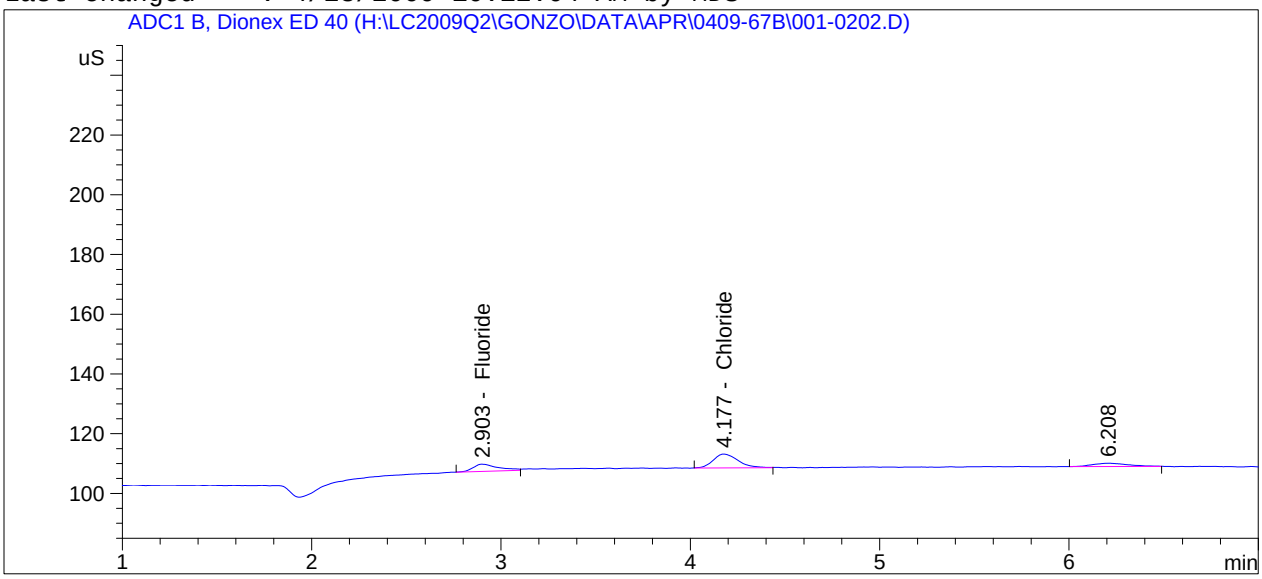
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\001-0202.D
Sample Name: hplc44pg56 #1

==========

Acq. Operator : MDS
Seq. Line : 2
Acq. Instrument : Gonzo
Location : Vial 1
Injection Date : 4/27/2009 11:14:46 AM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.903	BB	22.70892	9.59517e-3	2.17896e-1		Fluoride
4.177	BB	42.35680	1.11820e-2	4.73632e-1		Chloride

Totals : 6.91528e-1

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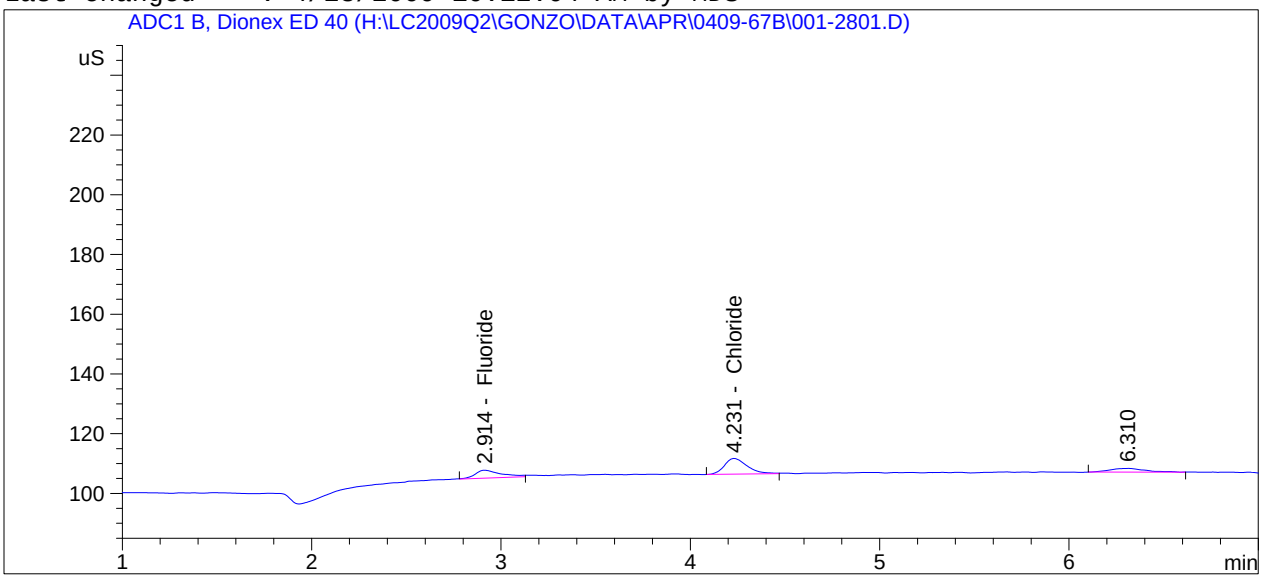
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\001-2801.D
Sample Name: hplc44pg56 #1

==========

Acq. Operator : MDS
Seq. Line : 28
Acq. Instrument : Gonzo
Location : Vial 1
Injection Date : 4/27/2009 10:51:09 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.914	BB	25.53033	9.55678e-3	2.43988e-1		Fluoride
4.231	BB	43.93686	1.12271e-2	4.93284e-1		Chloride

Totals : 7.37272e-1

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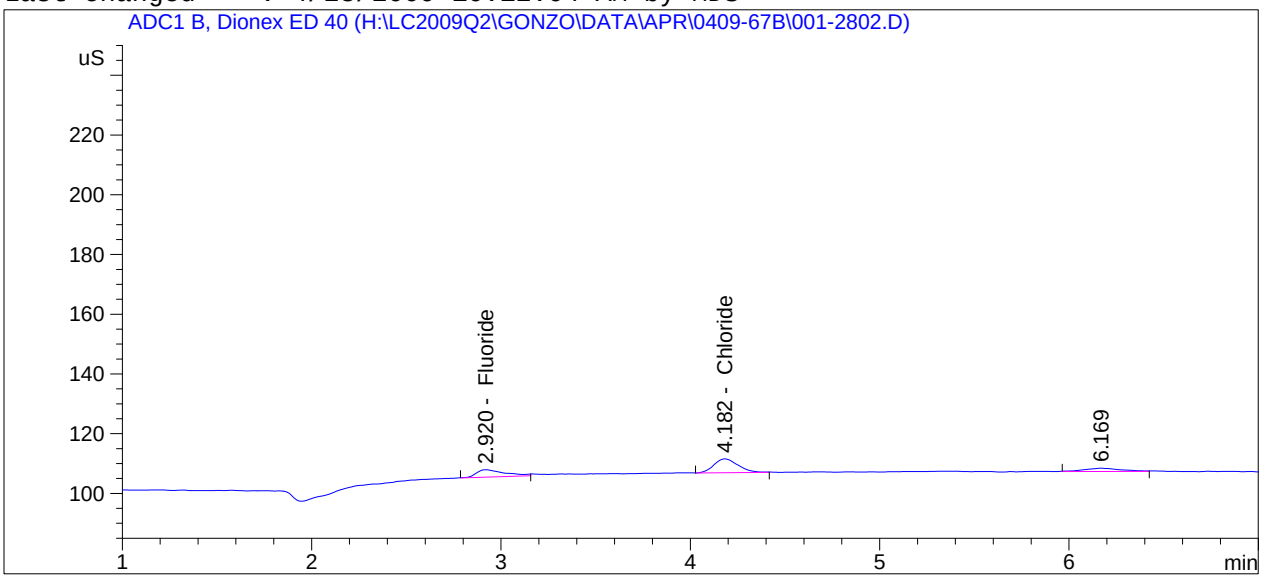
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\001-2802.D
Sample Name: hplc44pg56 #1

==========

Acq. Operator : MDS
Seq. Line : 28
Acq. Instrument : Gonzo
Location : Vial 1
Injection Date : 4/27/2009 11:00:09 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.920	BB	25.98080	9.55142e-3	2.48154e-1		Fluoride
4.182	BB	41.48733	1.11556e-2	4.62818e-1		Chloride

Totals : 7.10971e-1

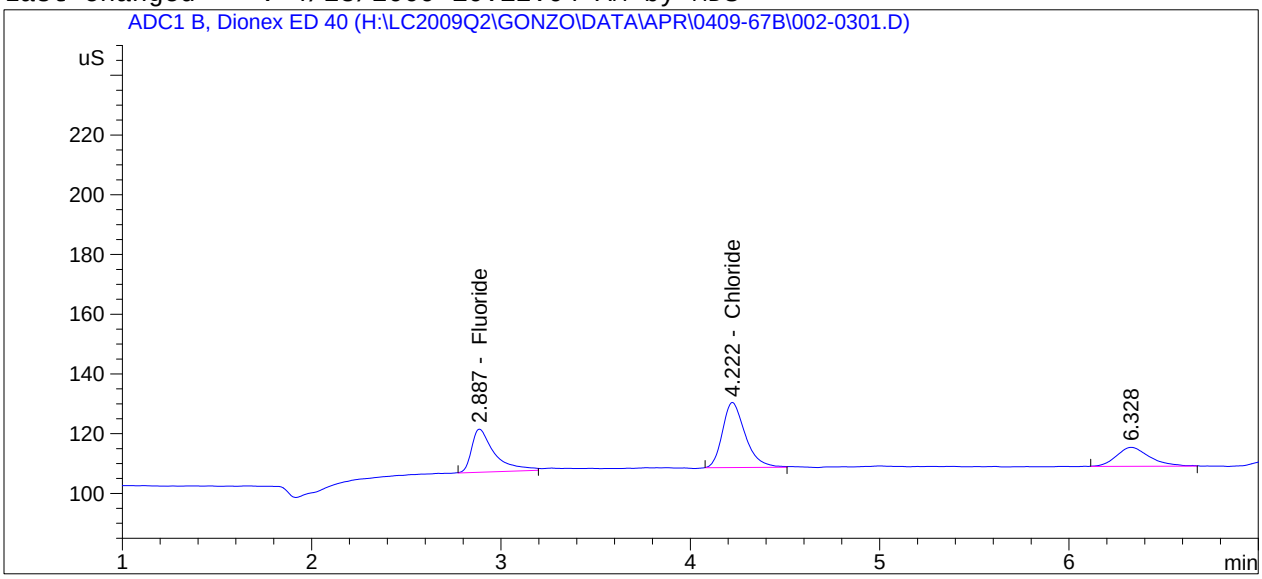
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\002-0301.D
Sample Name: hplc44pg56 #2

==========

Acq. Operator : MDS
Seq. Line : 3
Acq. Instrument : Gonzo
Location : Vial 2
Injection Date : 4/27/2009 11:23:47 AM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.887	BB	121.20098	9.31289e-3	1.12873		Fluoride
4.222	BB	181.82320	1.21451e-2	2.20826		Chloride

Totals : 3.33700

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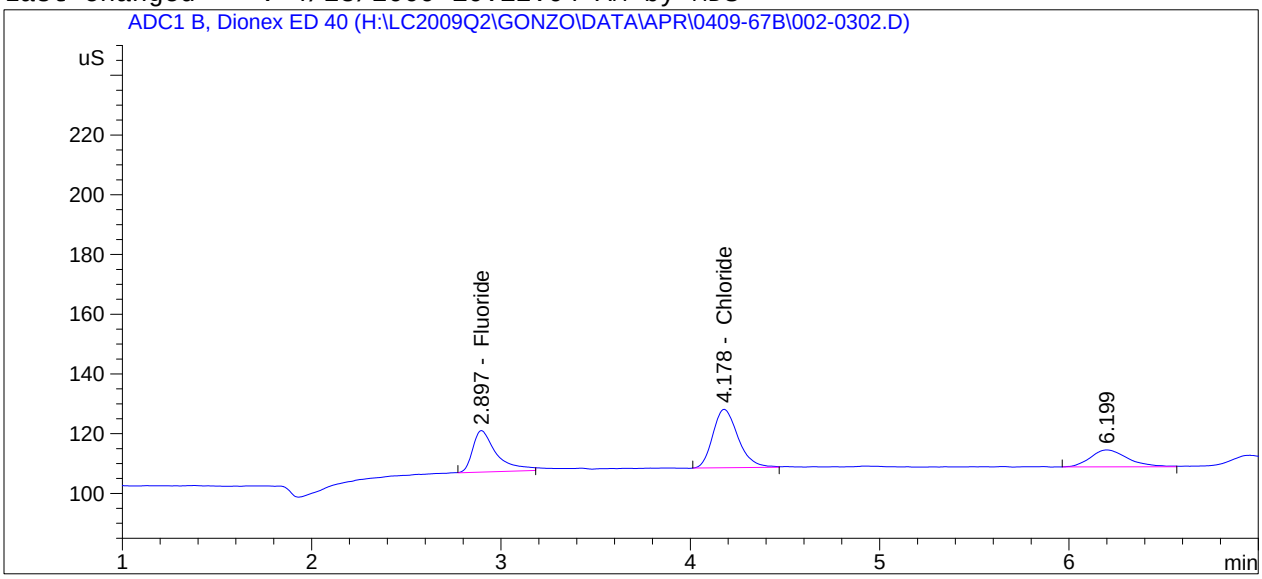
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\002-0302.D
Sample Name: hplc44pg56 #2

==========

Acq. Operator : MDS
Seq. Line : 3
Acq. Instrument : Gonzo
Location : Vial 2
Injection Date : 4/27/2009 11:32:48 AM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.897	BB	120.96879	9.31301e-3	1.12658		Fluoride
4.178	BB	181.52383	1.21446e-2	2.20454		Chloride

Totals : 3.33112

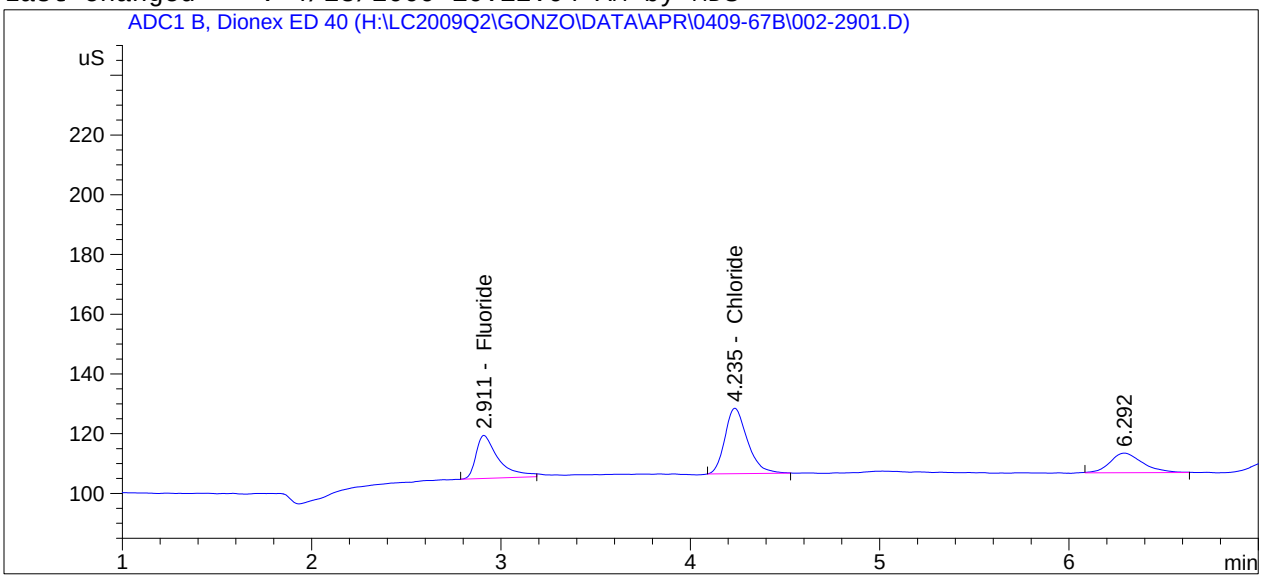
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\002-2901.D
Sample Name: hplc44pg56 #2

==========

Acq. Operator : MDS
Seq. Line : 29
Acq. Instrument : Gonzo
Location : Vial 2
Injection Date : 4/27/2009 11:09:10 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.911	BB	119.20961	9.31397e-3	1.11032		Fluoride
4.235	BB	180.37784	1.21428e-2	2.19029		Chloride

Totals : 3.30060

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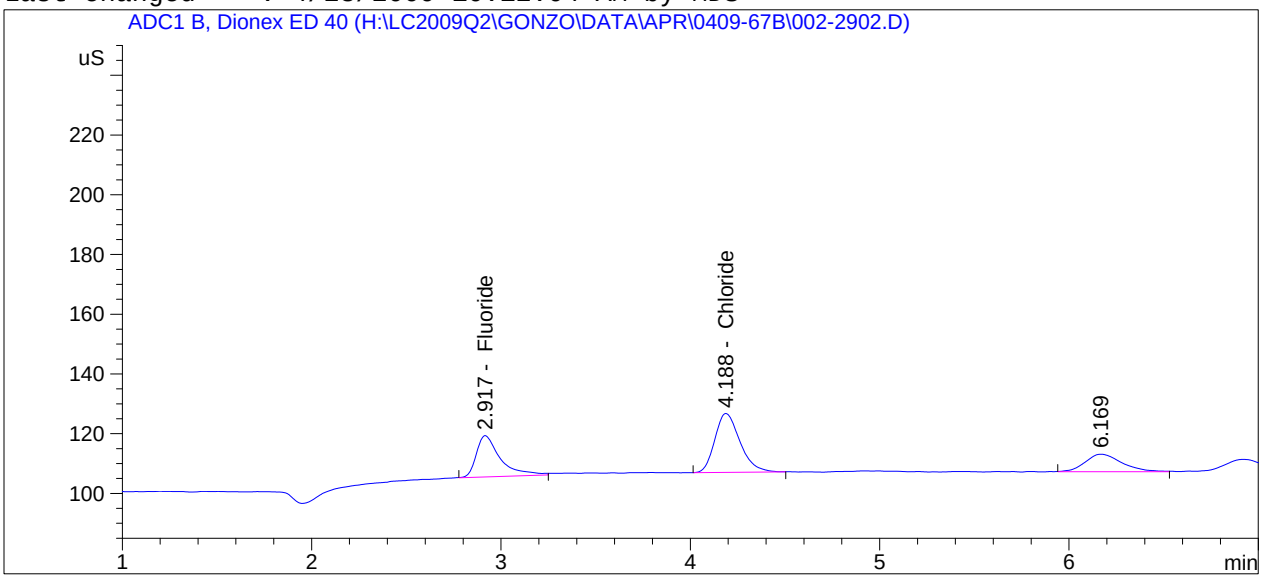
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\002-2902.D
Sample Name: hplc44pg56 #2

==========

Acq. Operator : MDS
Seq. Line : 29
Acq. Instrument : Gonzo
Location : Vial 2
Injection Date : 4/27/2009 11:18:14 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.917	BB	122.35748	9.31227e-3	1.13943		Fluoride
4.188	BB	181.79770	1.21451e-2	2.20795		Chloride

Totals : 3.34737

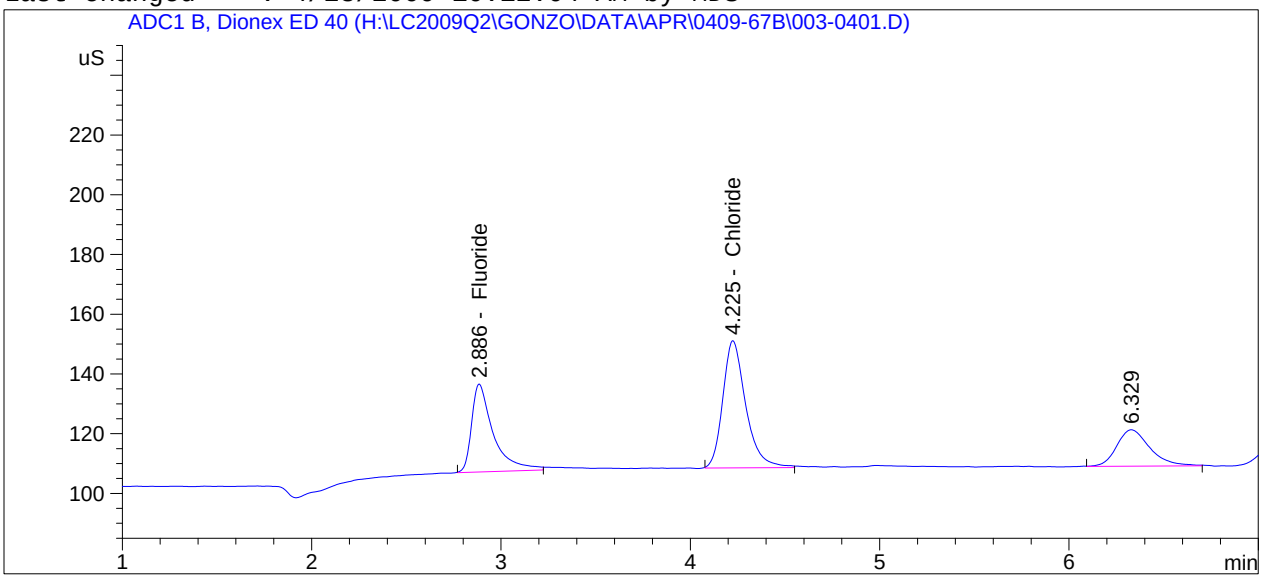
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\003-0401.D
Sample Name: hplc44pg56 #3

==========

Acq. Operator : MDS
Seq. Line : 4
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/27/2009 11:41:48 AM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.886	BB	234.82649	9.28139e-3	2.17952		Fluoride
4.225	BB	358.91287	1.22895e-2	4.41084		Chloride

Totals : 6.59036

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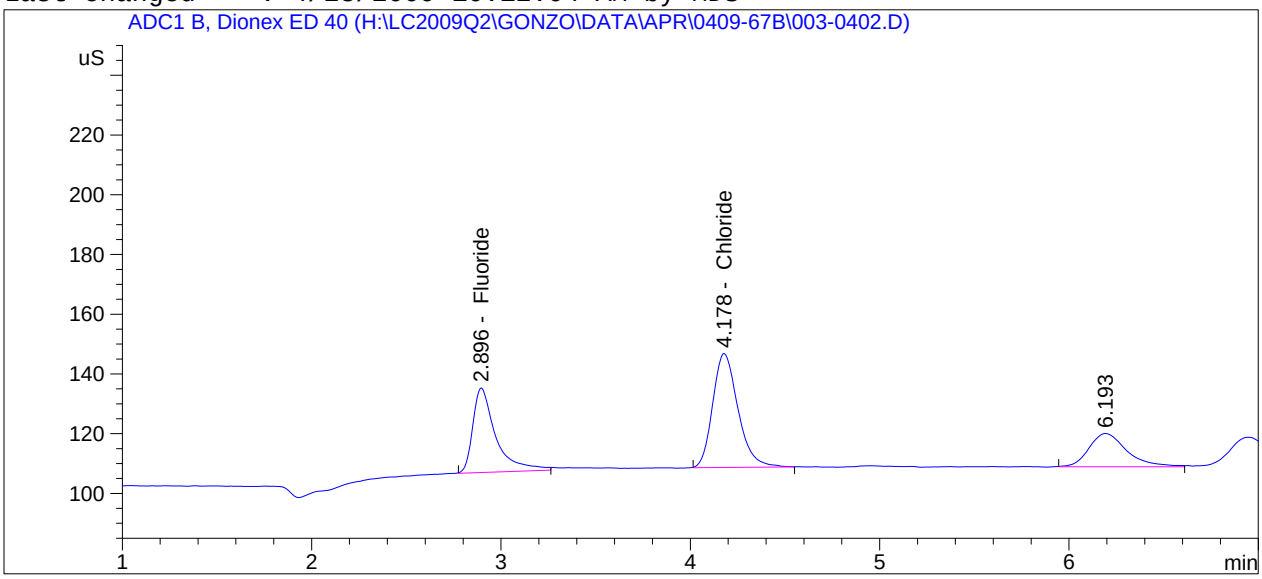
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\003-0402.D
Sample Name: hplc44pg56 #3

==========

Acq. Operator : MDS
Seq. Line : 4
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/27/2009 11:50:45 AM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.896	BB	238.29733	9.28091e-3	2.21161		Fluoride
4.178	BB	354.39996	1.22876e-2	4.35471		Chloride

Totals : 6.56633

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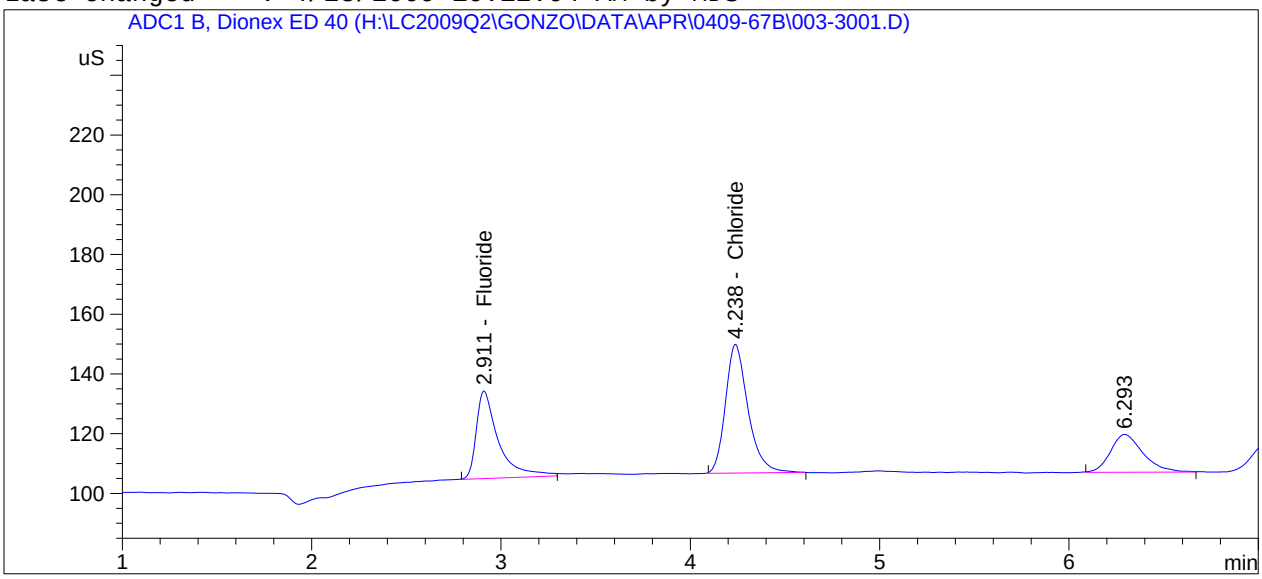
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\003-3001.D
Sample Name: hplc44pg56 #3

==========

Acq. Operator : MDS
Seq. Line : 30
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/27/2009 11:27:11 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.911	BB	238.61955	9.28086e-3	2.21459		Fluoride
4.238	BB	357.17557	1.22887e-2	4.38923		Chloride

Totals : 6.60383

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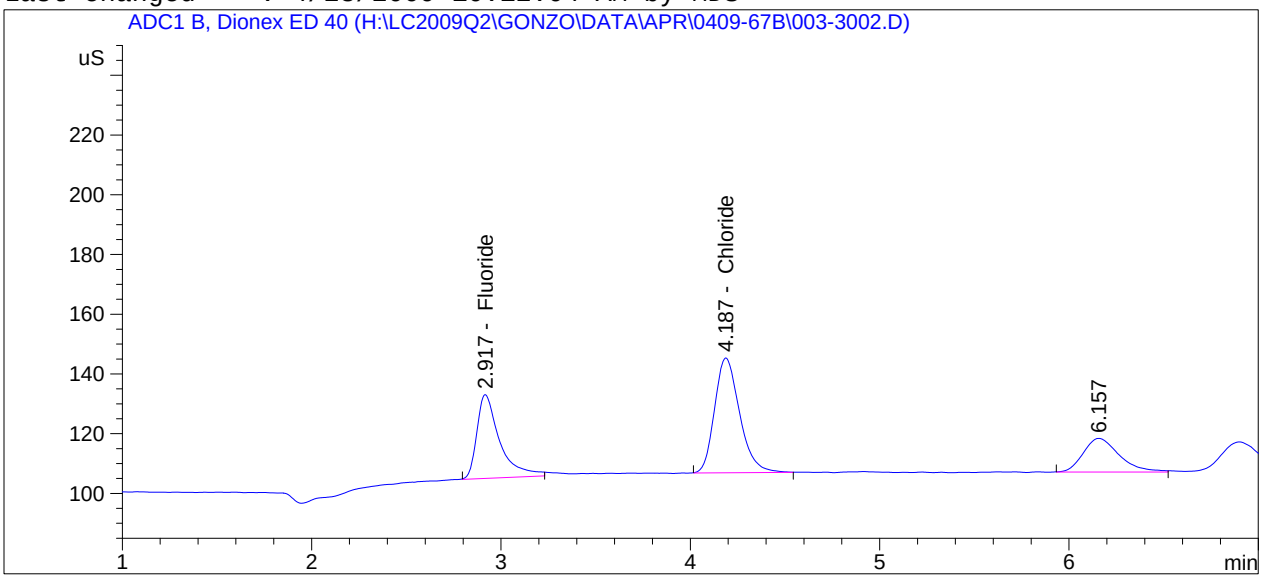
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\003-3002.D
Sample Name: hplc44pg56 #3

==========

Acq. Operator : MDS
Seq. Line : 30
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/27/2009 11:36:09 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.917	BB	235.33977	9.28132e-3	2.18426		Fluoride
4.187	BB	353.44031	1.22872e-2	4.34278		Chloride

Totals : 6.52704

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\004-0501.D
Sample Name: hplc44pg56 #4

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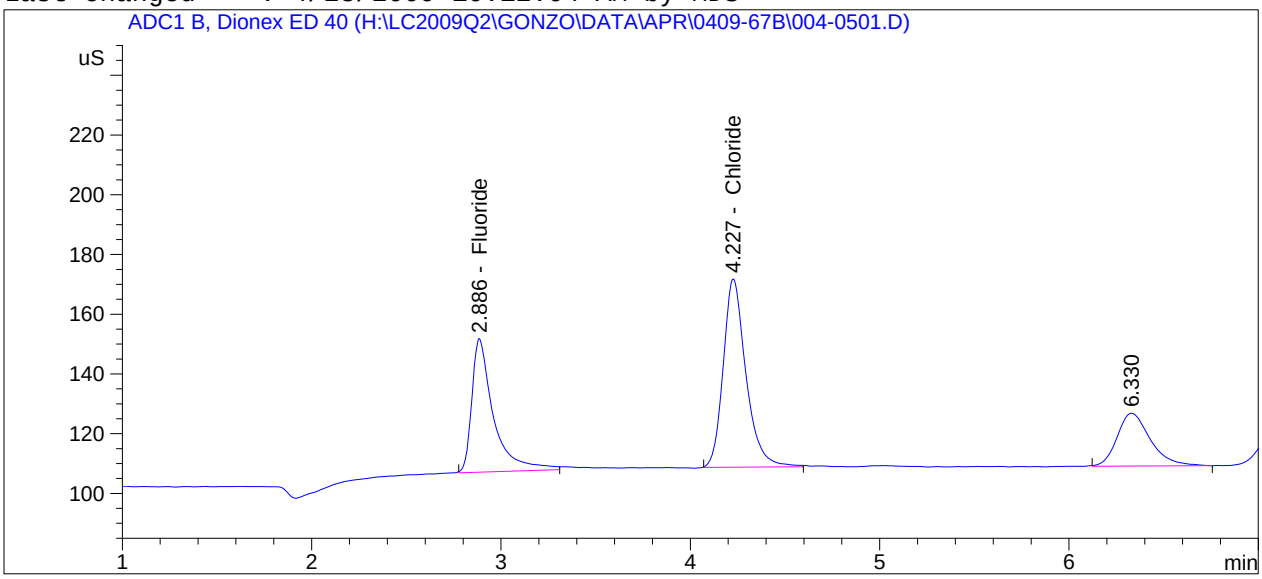
Acq. Operator : MDS
Seq. Line : 5
Acq. Instrument : Gonzo
Location : Vial 4
Injection Date : 4/27/2009 11:59:40 AM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.886	BB	354.83920	9.27003e-3	3.28937		Fluoride
4.227	BB	525.77191	1.23365e-2	6.48617		Chloride

Totals : 9.77555

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\004-0502.D
Sample Name: hplc44pg56 #4

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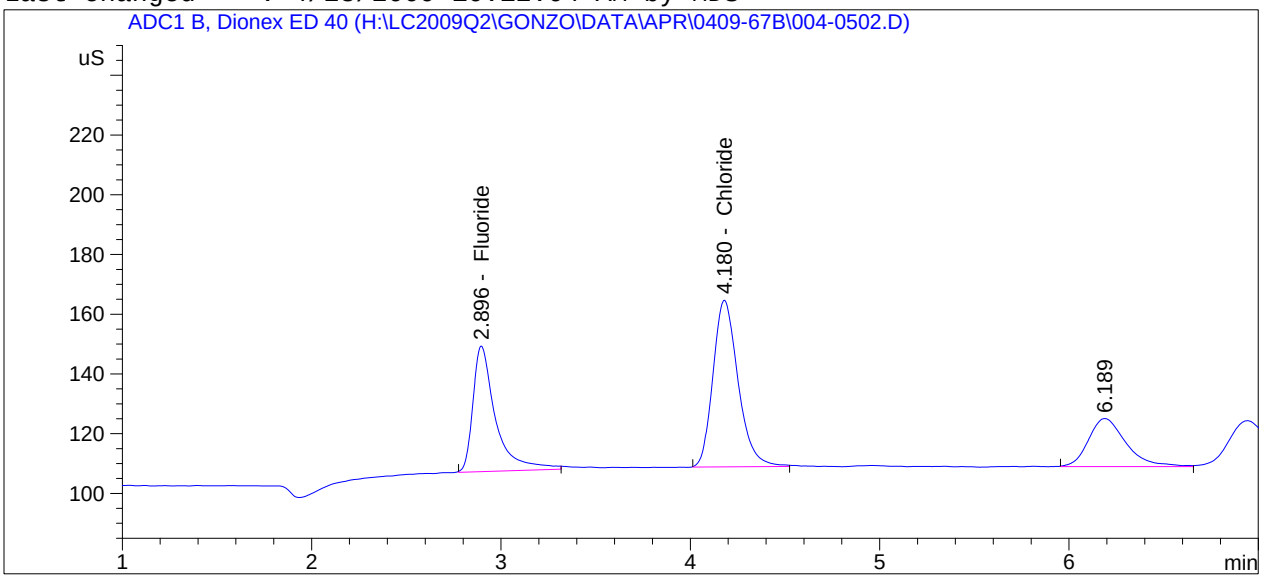
Acq. Operator : MDS
Seq. Line : 5
Acq. Instrument : Gonzo
Location : Vial 4
Injection Date : 4/27/2009 12:08:49 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.896	BB	349.21863	9.27039e-3	3.23739		Fluoride
4.180	BB	514.92432	1.23343e-2	6.35126		Chloride

Totals : 9.58865

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\004-3101.D
Sample Name: hplc44pg56 #4

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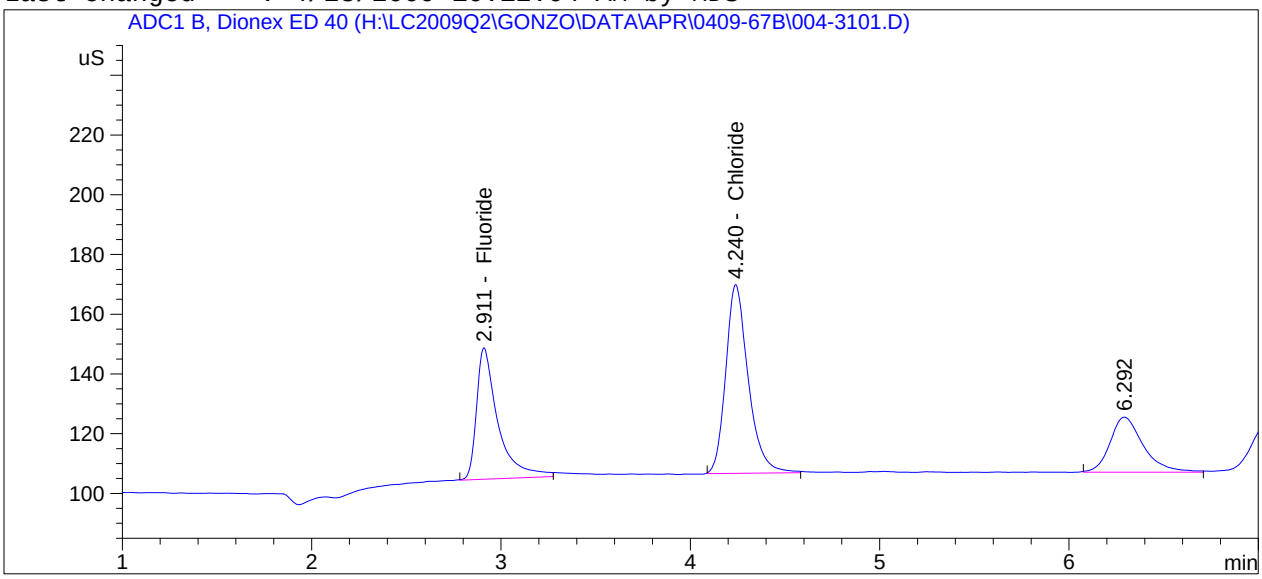
Acq. Operator : MDS
Seq. Line : 31
Acq. Instrument : Gonzo
Location : Vial 4
Injection Date : 4/27/2009 11:44:57 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.911	BB	345.10306	9.27066e-3	3.19933		Fluoride
4.240	BB	522.53894	1.23359e-2	6.44596		Chloride

Totals : 9.64530

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\004-3102.D
Sample Name: hplc44pg56 #4

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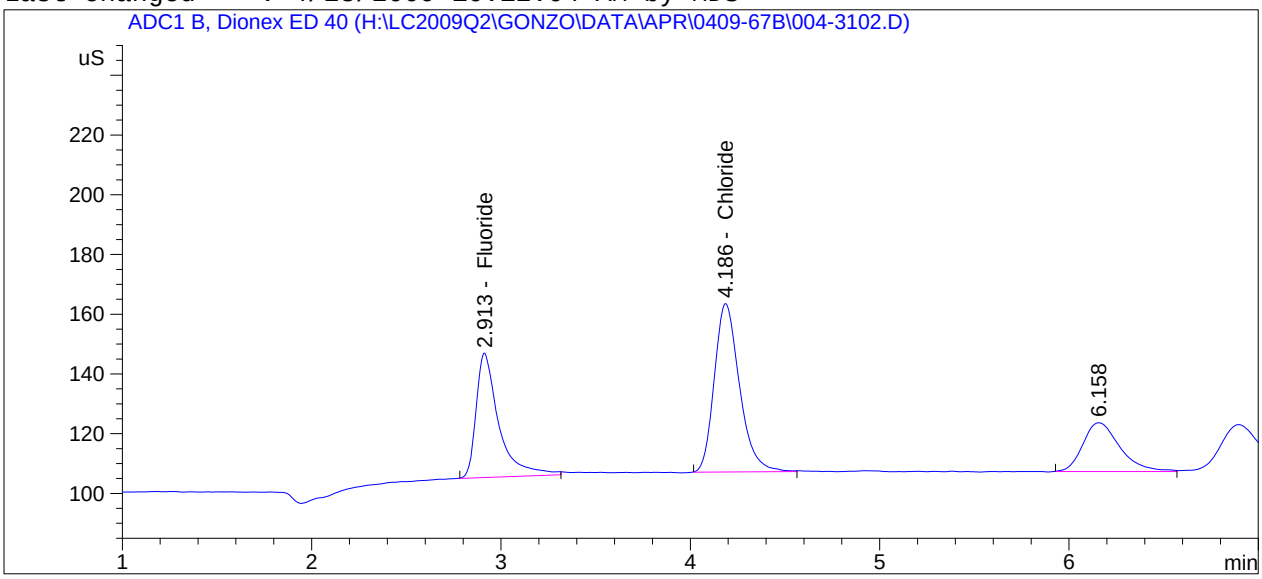
Acq. Operator : MDS
Seq. Line : 31
Acq. Instrument : Gonzo
Location : Vial 4
Injection Date : 4/27/2009 11:54:02 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.913	BB	346.08069	9.27060e-3	3.20837		Fluoride
4.186	BB	522.20734	1.23358e-2	6.44184		Chloride

Totals : 9.65021

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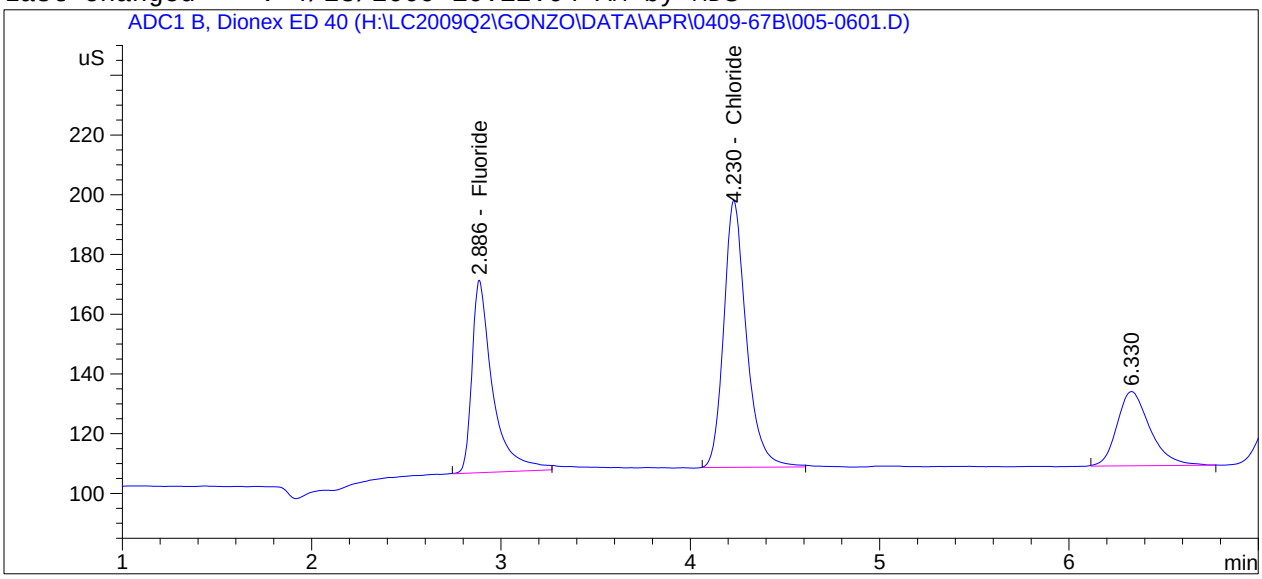
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\005-0601.D
Sample Name: hplc44pg56 #5

==========

Acq. Operator : MDS
Seq. Line : 6
Acq. Instrument : Gonzo
Location : Vial 5
Injection Date : 4/27/2009 12:17:38 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.886	BB	491.14163	9.26386e-3	4.54987		Fluoride
4.230	BB	742.45459	1.23660e-2	9.18120		Chloride

Totals : 13.73106

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\005-0602.D
Sample Name: hplc44pg56 #5

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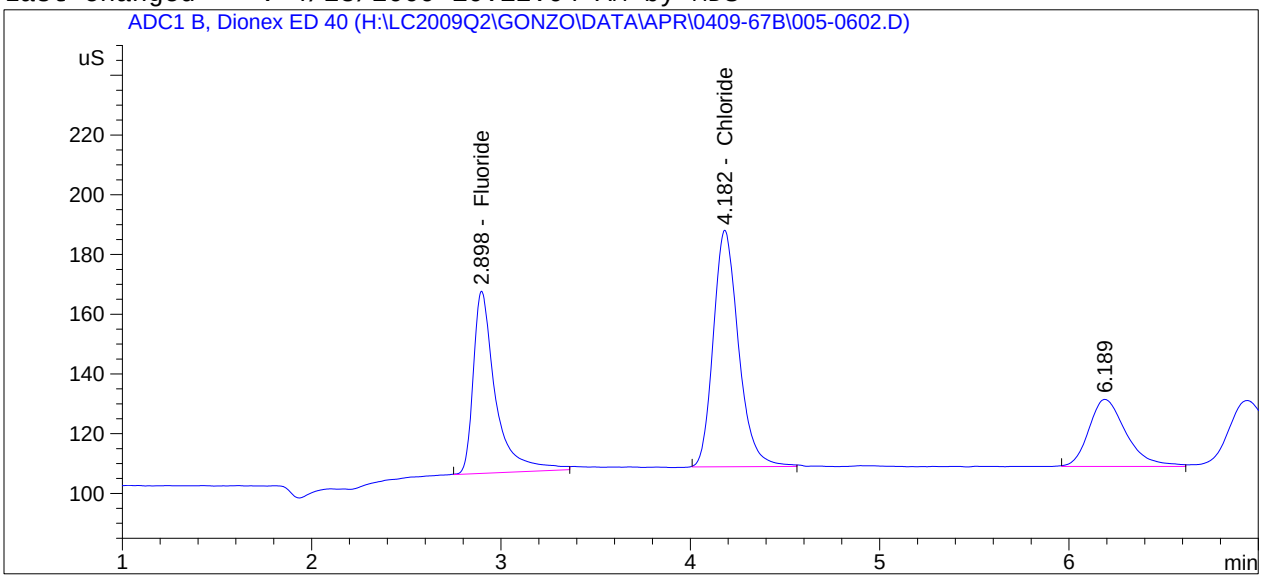
Acq. Operator : MDS
Seq. Line : 6
Acq. Instrument : Gonzo
Location : Vial 5
Injection Date : 4/27/2009 12:26:34 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.898	BB	497.19089	9.26367e-3	4.60581		Fluoride
4.182	BB	733.57361	1.23651e-2	9.07074		Chloride

Totals : 13.67655

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\005-3201.D
Sample Name: hplc44pg56 #5

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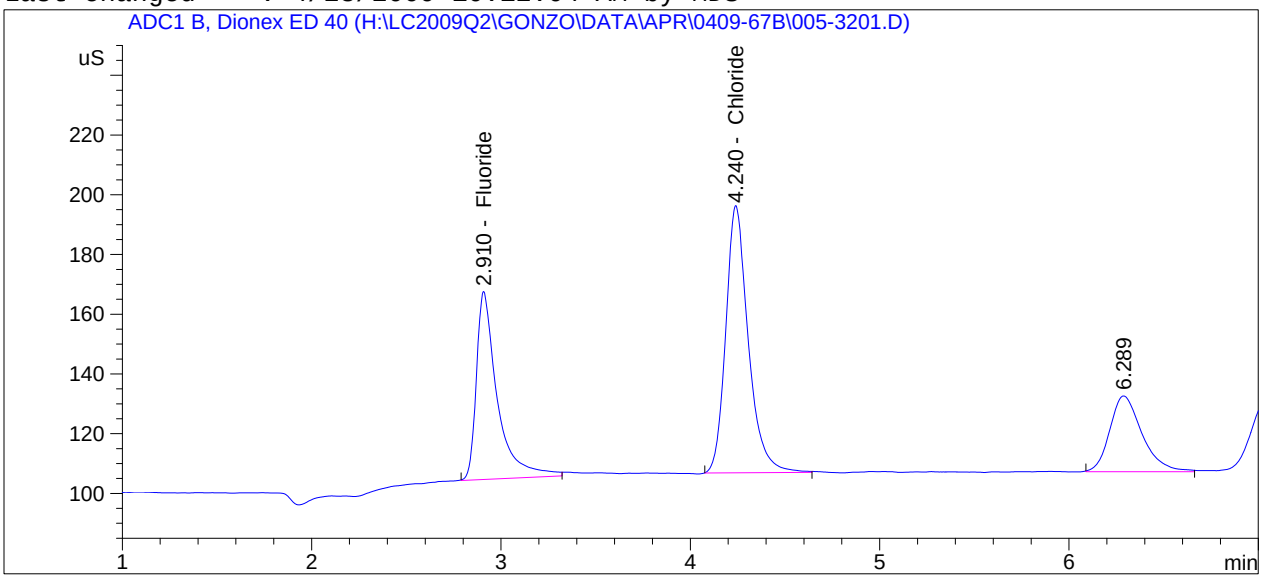
Acq. Operator : MDS
Seq. Line : 32
Acq. Instrument : Gonzo
Location : Vial 5
Injection Date : 4/28/2009 12:02:52 AM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.910	BB	483.99799	9.26410e-3	4.48381		Fluoride
4.240	BB	739.91571	1.23658e-2	9.14962		Chloride

Totals : 13.63342

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\005-3202.D
Sample Name: hplc44pg56 #5

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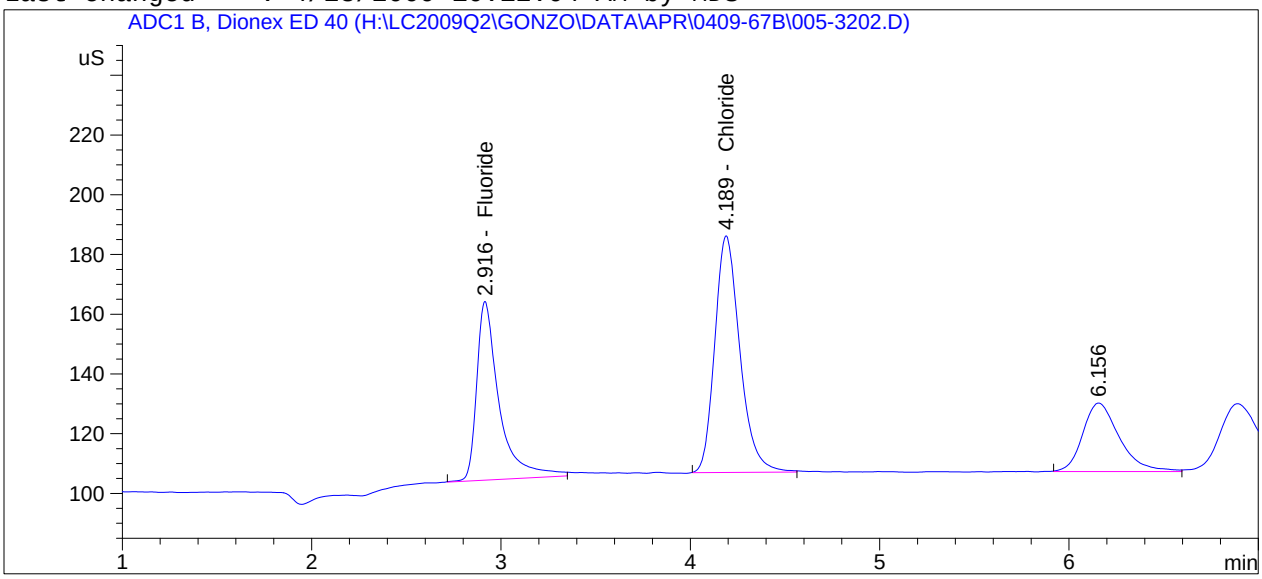
Acq. Operator : MDS
Seq. Line : 32
Acq. Instrument : Gonzo
Location : Vial 5
Injection Date : 4/28/2009 12:11:39 AM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.916	BB	494.78897	9.26375e-3	4.58360		Fluoride
4.189	BB	731.67163	1.23649e-2	9.04708		Chloride

Totals : 13.63068

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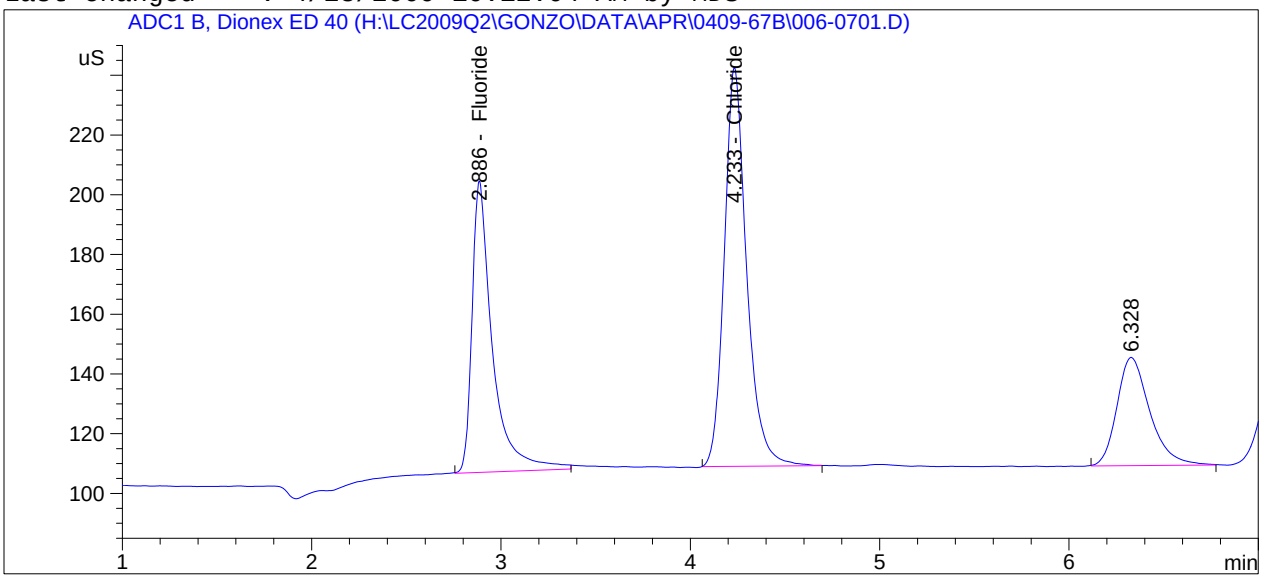
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\006-0701.D
Sample Name: hplc44pg56 #6

==========

Acq. Operator : MDS
Seq. Line : 7
Acq. Instrument : Gonzo
Location : Vial 6
Injection Date : 4/27/2009 12:35:30 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.886	BB	730.13544	9.25861e-3	6.76004		Fluoride
4.233	BB	1095.87769	1.23891e-2	13.57694		Chloride

Totals : 20.33698

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\006-0702.D
Sample Name: hplc44pg56 #6

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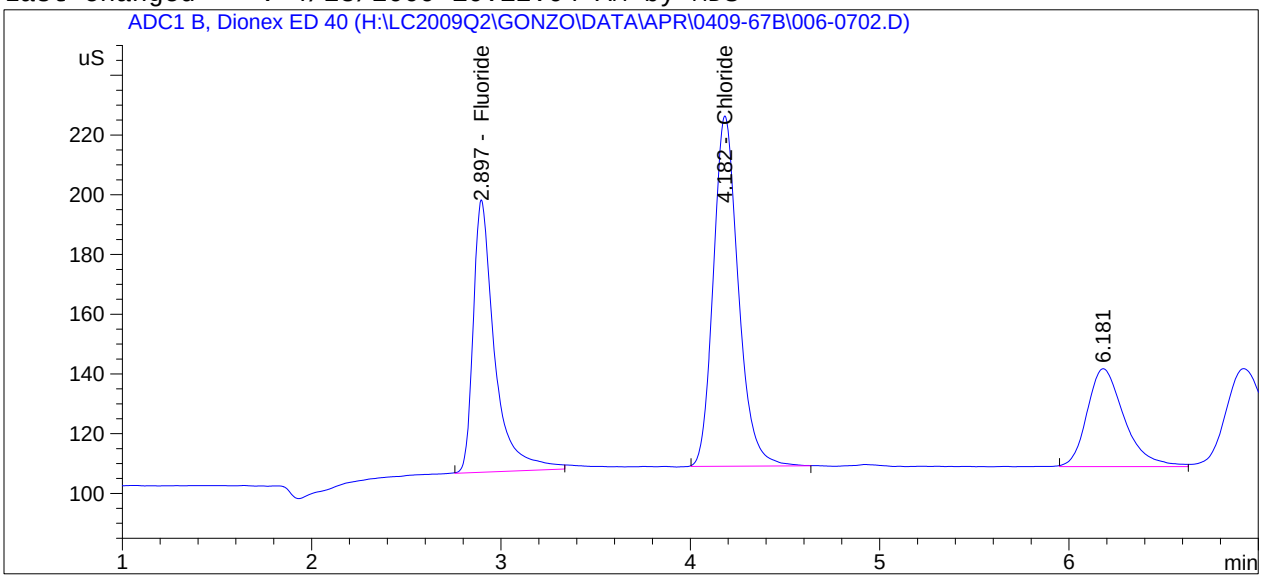
Acq. Operator : MDS
Seq. Line : 7
Acq. Instrument : Gonzo
Location : Vial 6
Injection Date : 4/27/2009 12:44:29 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.897	BB	716.62311	9.25881e-3	6.63508		Fluoride
4.182	BB	1076.35059	1.23882e-2	13.33407		Chloride

Totals : 19.96915

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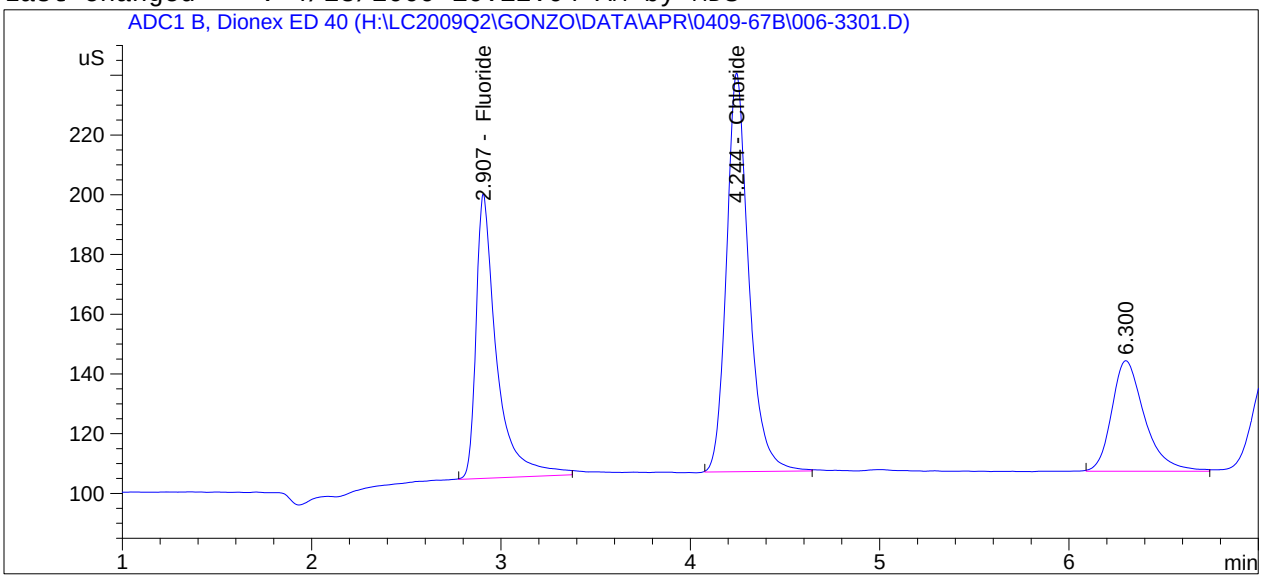
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\006-3301.D
Sample Name: hplc44pg56 #6

==========

Acq. Operator : MDS
Seq. Line : 33
Acq. Instrument : Gonzo
Location : Vial 6
Injection Date : 4/28/2009 12:20:27 AM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.907	BB	719.12305	9.25877e-3	6.65820		Fluoride
4.244	BB	1093.63904	1.23890e-2	13.54910		Chloride

Totals : 20.20730

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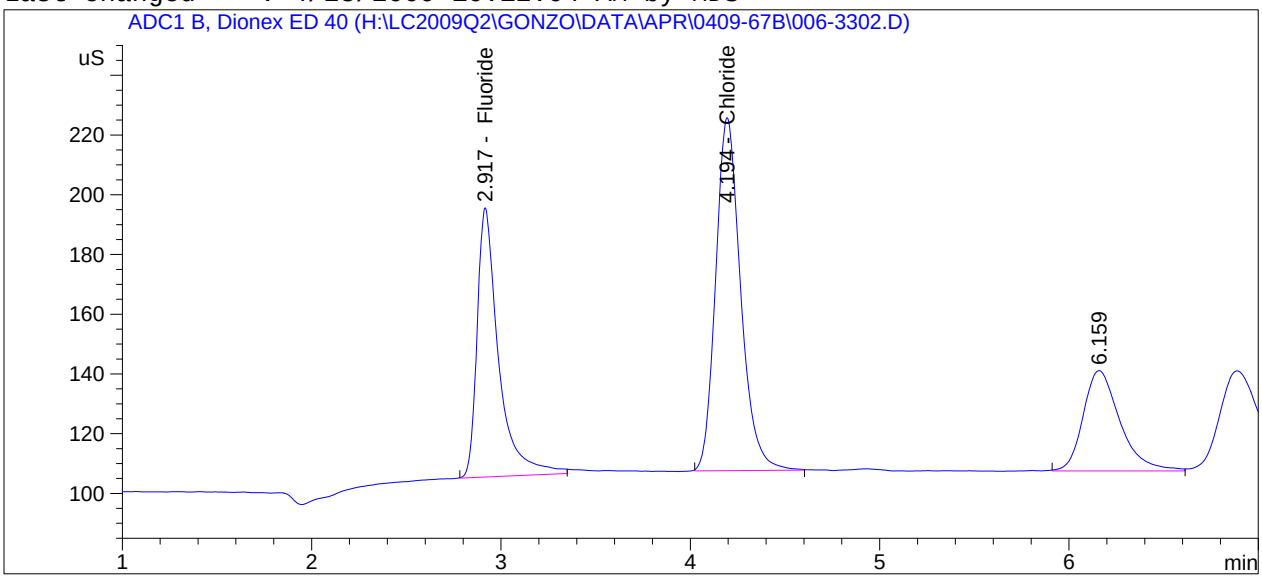
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\006-3302.D
Sample Name: hplc44pg56 #6

==========

Acq. Operator : MDS
Seq. Line : 33
Acq. Instrument : Gonzo
Location : Vial 6
Injection Date : 4/28/2009 12:29:33 AM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.917	BB	711.81561	9.25888e-3	6.59062		Fluoride
4.194	BB	1082.21558	1.23885e-2	13.40702		Chloride

Totals : 19.99764

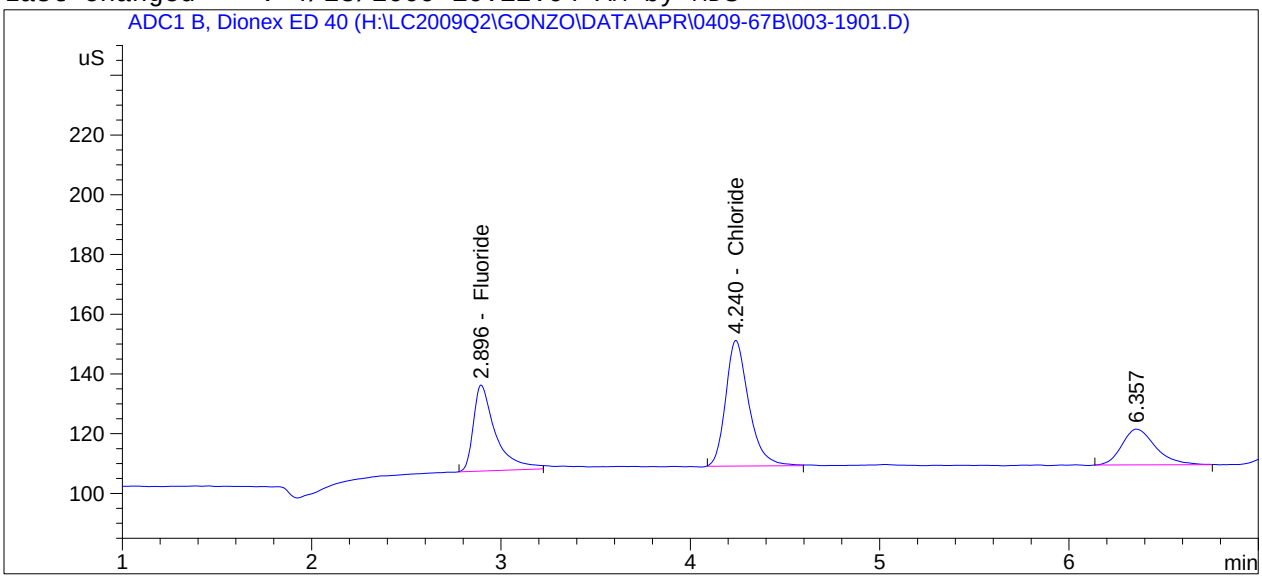
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\003-1901.D
Sample Name: hplc44pg56 #3

==========

Acq. Operator : MDS
Seq. Line : 19
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/27/2009 6:17:53 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.896	BB	233.49020	9.28159e-3	2.16716		Fluoride
4.240	BB	357.17316	1.22887e-2	4.38920		Chloride

Totals : 6.55636

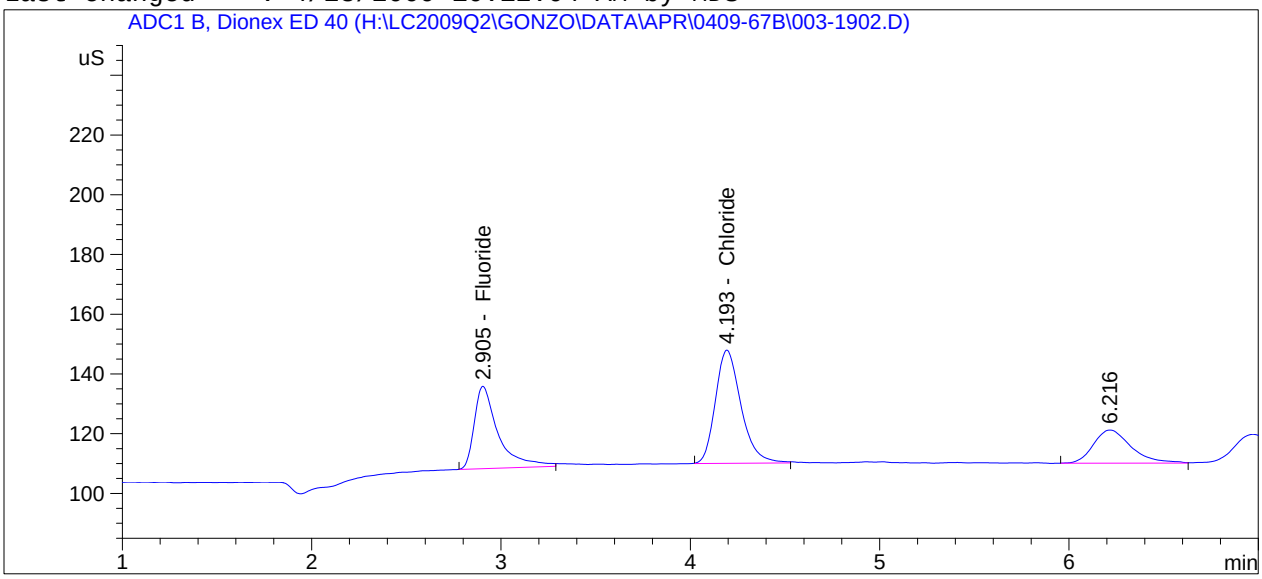
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67B\003-1902.D
Sample Name: hplc44pg56 #3

==========

Acq. Operator : MDS
Seq. Line : 19
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/27/2009 6:26:50 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67B.M
Last changed : 4/28/2009 10:12:04 AM by MDS



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : 4/28/2009 10:12:00 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
2.905	BB	242.24364	9.28037e-3	2.24811		Fluoride
4.193	BB	357.06628	1.22887e-2	4.38787		Chloride

Totals : 6.63598

==========

*** End of Report ***

Method Information

Method: H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Modified: 4/13/2009 at 9:15:58 AM

Dionex IonPac AS-14A 4-mm analytical (4x250mm) column.
Flow rate 1.2 mL/min
8mM Na2CO3/1mM NaHCO3 mobile phase
Suppressed anion conductivity detection

==========

ANALOG DIGITAL CONVERTER

==========

	Signal 1
Description:	Dionex ED 40
Source:	Signal
Unit:	uS
Units/Volt:	1000.000
Peakwidth (Data Rate):	0.027 Min (10.00 Hz)
Stop Time:	No Limit
Data Storage:	All

Start Signal Source: External Device Will Start 35900

Timed Event Table:
<no events>

```
    ======================================================================
                     Agilent 1100/1200 Quaternary Pump 1
    ======================================================================

    Control
        Column Flow            :      1.200 ml/min
        Stoptime               :          7.00 min
        Posttime               :      Off

    Solvents
        Solvent A              :      100.0 % (8.0mM Na2CO3/1.0mM NaHCO3)
        Solvent B              :      Off
        Solvent C              :        0.0 % (8.0mM Na2CO3/1.0mM NaHCO3)
        Solvent D              :      Off

    PressureLimits
        Minimum Pressure       :        0 bar
        Maximum Pressure       :      400 bar


    Auxiliary
        Maximal Flow Ramp      :      100.00 ml/min^2
        Primary Channel        :      Auto
        Compressibility        :       83*10^-6/bar
        Minimal Stroke         :      Auto

    Store Parameters
        Store Ratio A          :      Yes
        Store Ratio B          :      Yes
        Store Ratio C          :      Yes
        Store Ratio D          :      Yes
        Store Flow             :      Yes
        Store Pressure         :      Yes


    Agilent Contacts Option
    =======================

        Contact 1              :      Open
        Contact 2              :      Open
        Contact 3              :      Open
        Contact 4              :      Open



    ======================================================================
                     Agilent 1100/1200 Quaternary Pump 2
    ======================================================================

    Control
        Column Flow            :      1.200 ml/min
        Stoptime               :          7.00 min
        Posttime               :      Off

    Solvents
        Solvent A              :        0.0 % ( )
        Solvent B              :      Off
        Solvent C              :      Off
        Solvent D              :      100.0 % (8mMNa2CO3\1mMNaHCO3)

    PressureLimits
        Minimum Pressure       :        0 bar
        Maximum Pressure       :      400 bar
```

Auxiliary

Maximal Flow Ramp	:	100.00 ml/min^2
Primary Channel	:	Auto
Compressibility	:	100*10^-6/bar
Minimal Stroke	:	Auto

Store Parameters

Store Ratio A	:	Yes
Store Ratio B	:	Yes
Store Ratio C	:	Yes
Store Ratio D	:	Yes
Store Flow	:	Yes
Store Pressure	:	Yes

Agilent Contacts Option
==========

Contact 1	:	Open
Contact 2	:	Open
Contact 3	:	Open
Contact 4	:	Open

==========
Agilent 1100 Autosampler 1
==========

Injection

Injection Mode	:	Needle Wash
Injector volume	:	25.00 µl
Wash Vial	:	100
Optimization	:	none

Auxiliary

Drawspeed	:	100 µl/min
Ejectspeed	:	1000 µl/min
Draw position	:	2.0 mm

Time

Stoptime	:	As Pump
Posttime	:	Off

==========
Agilent 1100/1200 Column Thermostat 1
==========

Temperature settings

Left temperature	:	30.0°C
Right temperature	:	Same as left
Enable analysis	:	When Temp. is within setpoint +/- 0.8°C
Store left temperature	:	No
Store right temperature	:	No

Time

Stoptime	:	As pump
Posttime	:	Off

Column Switching Valve : Use current

Method Information

Method: H:\LC2009Q2\GONZO\METHODS\CHLSWTCH.M
Modified: 4/13/2009 at 9:16:35 AM

Dionex IonPac AS-14A 4-mm analytical (4x250mm) column.
Flow rate 1.2 mL/min
8mM Na2CO3/1mM NaHCO3 mobile phase
Suppressed anion conductivity detection

==========

ANALOG DIGITAL CONVERTER

==========

	Signal 1
Description:	Dionex ED 40
Source:	Signal
Unit:	uS
Units/Volt:	1000.000
Peakwidth (Data Rate):	0.027 Min (10.00 Hz)
Stop Time:	No Limit
Data Storage:	All

Start Signal Source: External Device Will Start 35900

Timed Event Table:
<no events>

```
    ======================================================================
                     Agilent 1100/1200 Quaternary Pump 1
    ======================================================================

    Control
        Column Flow            :      1.200 ml/min
        Stoptime               :         15.00 min
        Posttime               :      Off

    Solvents
        Solvent A              :      100.0 % (8.0mM Na2CO3/1.0mM NaHCO3)
        Solvent B              :      Off
        Solvent C              :        0.0 % (8.0mM Na2CO3/1.0mM NaHCO3)
        Solvent D              :      Off

    PressureLimits
        Minimum Pressure       :        0 bar
        Maximum Pressure       :      400 bar


    Auxiliary
        Maximal Flow Ramp      :      100.00 ml/min^2
        Primary Channel        :      Auto
        Compressibility        :       83*10^-6/bar
        Minimal Stroke         :      Auto

    Store Parameters
        Store Ratio A          :      Yes
        Store Ratio B          :      Yes
        Store Ratio C          :      Yes
        Store Ratio D          :      Yes
        Store Flow             :      Yes
        Store Pressure         :      Yes


    Agilent Contacts Option
    =======================

        Contact 1              :      Open
        Contact 2              :      Open
        Contact 3              :      Open
        Contact 4              :      Open



    ======================================================================
                     Agilent 1100/1200 Quaternary Pump 2
    ======================================================================

    Control
        Column Flow            :      1.200 ml/min
        Stoptime               :         15.00 min
        Posttime               :      Off

    Solvents
        Solvent A              :        0.0 % ( )
        Solvent B              :      Off
        Solvent C              :      Off
        Solvent D              :      100.0 % (8mMNa2CO3\1mMNaHCO3)

    PressureLimits
        Minimum Pressure       :        0 bar
        Maximum Pressure       :      400 bar
```

Auxiliary

Maximal Flow Ramp	:	100.00 ml/min^2
Primary Channel	:	Auto
Compressibility	:	100*10^-6/bar
Minimal Stroke	:	Auto

Store Parameters

Store Ratio A	:	Yes
Store Ratio B	:	Yes
Store Ratio C	:	Yes
Store Ratio D	:	Yes
Store Flow	:	Yes
Store Pressure	:	Yes

Agilent Contacts Option
==========

Contact 1	:	Open
Contact 2	:	Open
Contact 3	:	Open
Contact 4	:	Open

==========
Agilent 1100 Autosampler 1
==========

Injection

Injection Mode	:	Needle Wash
Injector volume	:	25.00 µl
Wash Vial	:	100
Optimization	:	none

Auxiliary

Drawspeed	:	100 µl/min
Ejectspeed	:	1000 µl/min
Draw position	:	2.0 mm

Time

Stoptime	:	As Pump
Posttime	:	Off

==========
Agilent 1100/1200 Column Thermostat 1
==========

Temperature settings

Left temperature	:	30.0°C
Right temperature	:	Same as left
Enable analysis	:	When Temp. is within setpoint +/- 0.8°C
Store left temperature	:	No
Store right temperature	:	No

Time

Stoptime	:	As pump
Posttime	:	Off

Column Switching Valve	:	Use current

Sequence Table:

Method and Injection Info Part:

Line	Location	SampleName DataFile	Method AutoBalance	Inj LimsID	SampleType	InjVolume
~~1~~	~~Vial 9~~	~~DI H2O Rgt Blank~~	~~COLSWTCH~~	~~1~~	~~Sample~~	
2	Vial 1	hplc44pg56 #1	COLSWTCH	2	Sample	
3	Vial 2	hplc44pg56 #2	COLSWTCH	2	Sample	
4	Vial 3	hplc44pg56 #3	COLSWTCH	2	Sample	
5	Vial 4	hplc44pg56 #4	COLSWTCH	2	Sample	
6	Vial 5	hplc44pg56 #5	COLSWTCH	2	Sample	
7	Vial 6	hplc44pg56 #6	COLSWTCH	2	Sample	
8	Vial 7	hplc44pg56 LCS	COLSWTCH	2	Sample	
9	Vial 8	NaOH Rgt Blank	COLSWTCH	2	Sample	
10	Vial 9	DI H2O Rgt Blank	COLSWTCH	2	Sample	
11	Vial 10	Method Blank*4.1	CHLSWTCH	2	Sample	
12	Vial 11	R1 I3&4*4.002	CHLSWTCH	2	Sample	
13	Vial 12	R2 I3&4*4.002	CHLSWTCH	2	Sample	
14	Vial 13	R3 I3&4*4.002	CHLSWTCH	2	Sample	
15	Vial 14	NaOH Bk*4.1	CHLSWTCH	2	Sample	
16	Vial 15	MS/R1 I3&4	CHLSWTCH	2	Sample	
17	Vial 16	MSD/R1 I3*4	CHLSWTCH	2	Sample	
~~18~~	~~Vial 17~~	~~R1*4.034~~	~~CHLSWTCH~~	~~2~~	~~Sample~~	
19	Vial 3	hplc44pg56 #3	COLSWTCH	2	Sample	
20	Vial 4	hplc44pg56 #4	COLSWTCH	2	Sample	
21	Vial 21	R2*4.034	CHLSWTCH	2	Sample	
22	Vial 22	R3*4.034	CHLSWTCH	2	Sample	
23	Vial 23	NaOH Bk*4.1	CHLSWTCH	2	Sample	
24	Vial 24	MS/R1	CHLSWTCH	2	Sample	
25	Vial 25	MSD/R1	CHLSWTCH	2	Sample	
26	Vial 26	R1 Cl2*4.01	CHLSWTCH	2	Sample	
27	Vial 27	R2 Cl2*4.01	CHLSWTCH	2	Sample	

Sequence: H:\LC2009Q2\GONZO\SEQUENCE\0409-67B.S

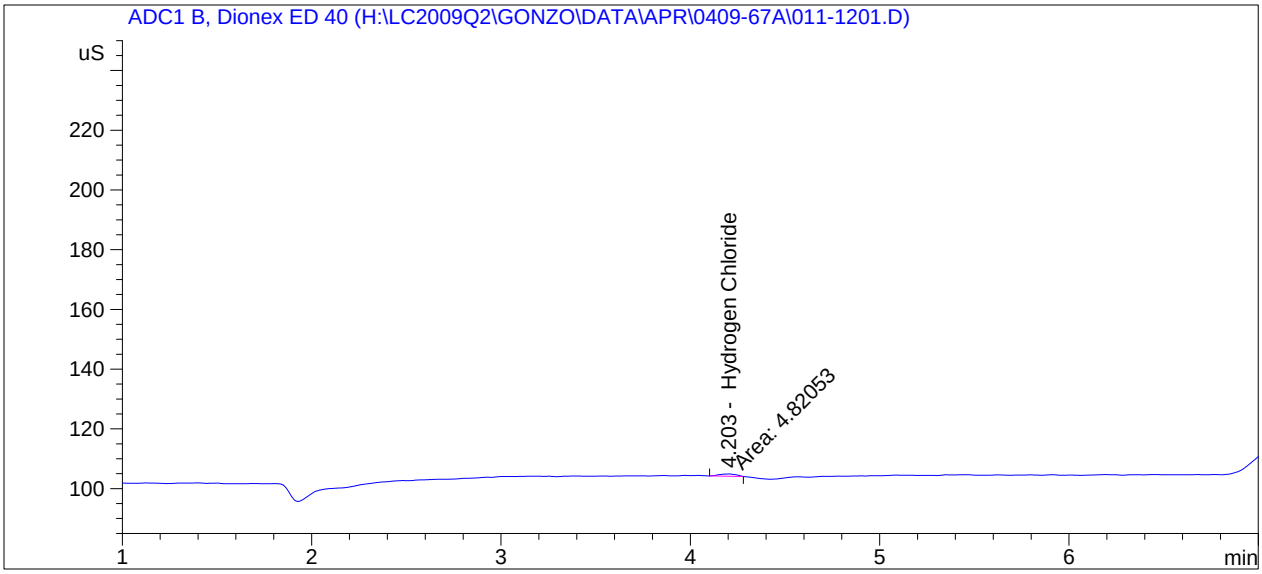
Line	Location	SampleName DataFile	Method AutoBalance	Inj LimsID	SampleType	InjVolume
28	Vial 1	hplc44pg56 #1	COLSWTCH	2	Sample	
29	Vial 2	hplc44pg56 #2	COLSWTCH	2	Sample	
30	Vial 3	hplc44pg56 #3	COLSWTCH	2	Sample	
31	Vial 4	hplc44pg56 #4	COLSWTCH	2	Sample	
32	Vial 5	hplc44pg56 #5	COLSWTCH	2	Sample	
33	Vial 6	hplc44pg56 #6	COLSWTCH	2	Sample	
~~34~~	~~Vial 9~~	DI H2O Rgt Blank	PUMPX2	2	~~Sample~~	
35	Vial 31	NaOH Bk*4.1	~~CHLSWTCH~~	1	Sample	
~~36~~	~~Vial 21~~	R2*4.034	CHLSWTCH	1	~~Sample~~	

Sample Chromatograms
Method 26A
H2SO4 Fractions

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\011-1201.D
Sample Name: R1 I1&2*4

==========

Acq. Operator : MDS
Seq. Line : 12
Acq. Instrument : Gonzo
Location : Vial 11
Injection Date : 4/22/2009 6:05:24 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67



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External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.203	MM	4.82053	1.29318e-2	6.23381e-2		Hydrogen Chloride

Manual Integration (MDS)

Totals : 6.23381e-2

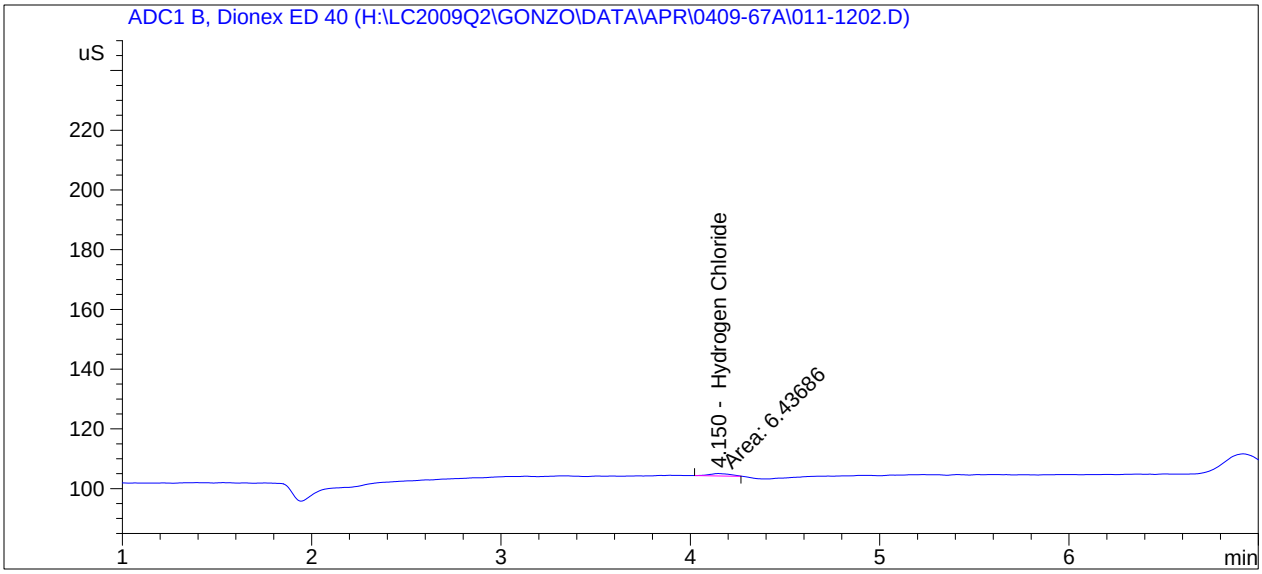
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\011-1202.D
Sample Name: R1 I1&2*4

==========

Acq. Operator : MDS
Seq. Line : 12
Acq. Instrument : Gonzo
Location : Vial 11
Injection Date : 4/22/2009 6:14:21 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67



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External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.150	MM	6.43686	1.29318e-2	8.32402e-2		Hydrogen Chloride

Manual Integration (MDS)

Totals : 8.32402e-2

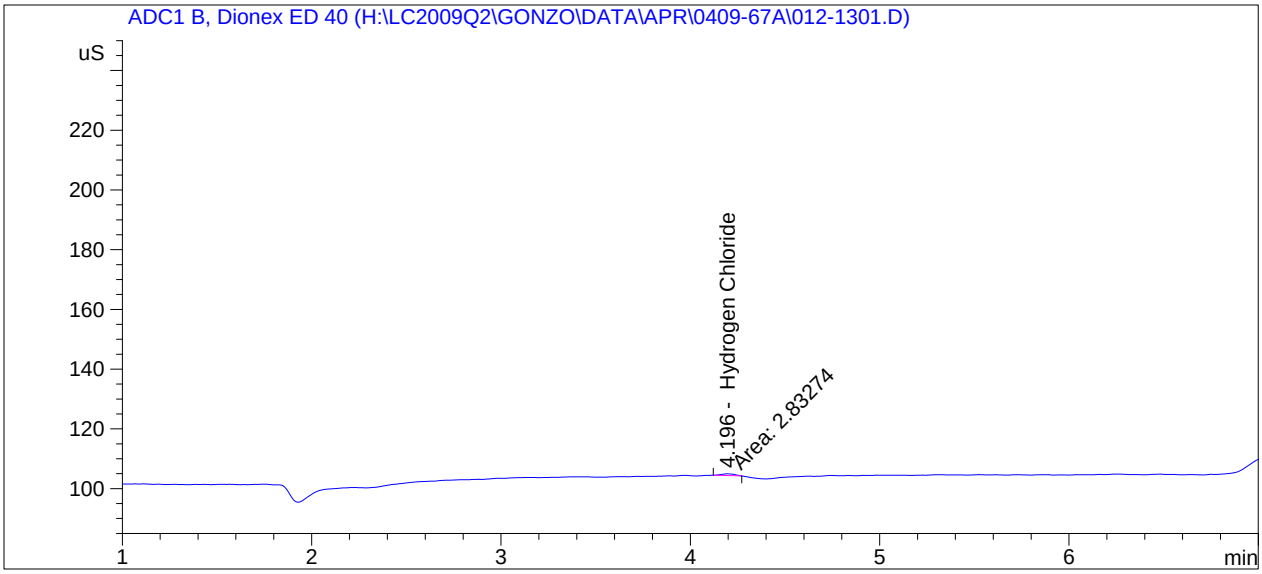
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\012-1301.D
Sample Name: R2 I1&2*4

==========

Acq. Operator : MDS
Seq. Line : 13
Acq. Instrument : Gonzo
Location : Vial 12
Injection Date : 4/22/2009 6:23:10 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.196	MM	2.83274	1.29318e-2	3.66324e-2		Hydrogen Chloride

Manual Integration (MDS)

Totals : 3.66324e-2

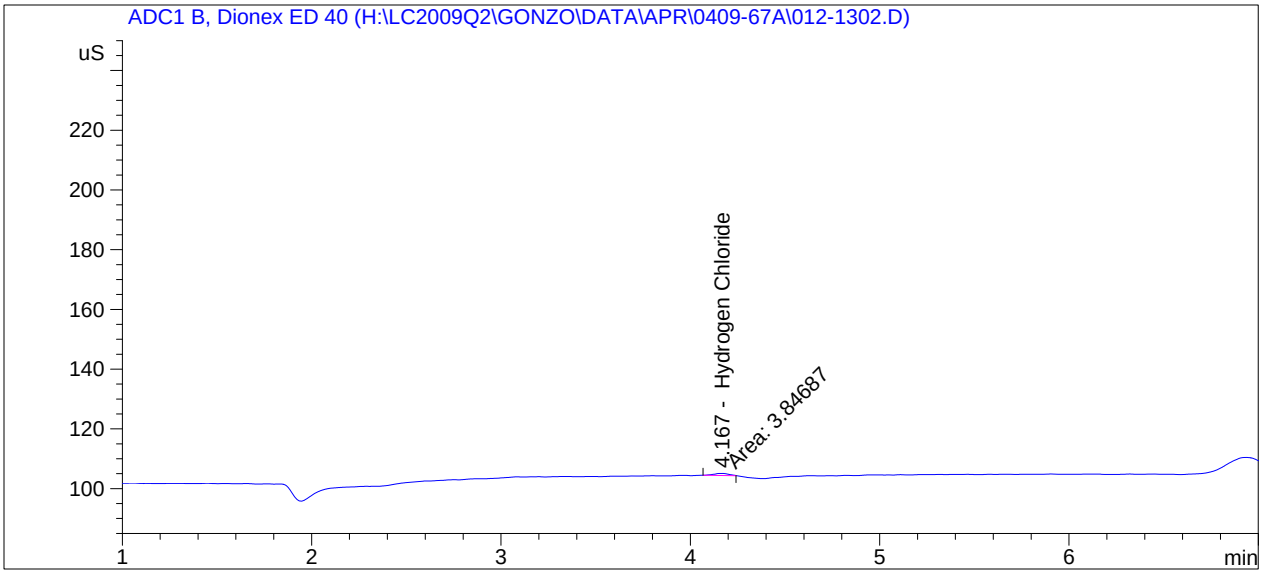
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\012-1302.D
Sample Name: R2 I1&2*4

==========

Acq. Operator : MDS
Seq. Line : 13
Acq. Instrument : Gonzo
Location : Vial 12
Injection Date : 4/22/2009 6:31:57 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.167	MM	3.84687	1.29318e-2	4.97469e-2		Hydrogen Chloride

Manual Integration (MDS)

Totals : 4.97469e-2

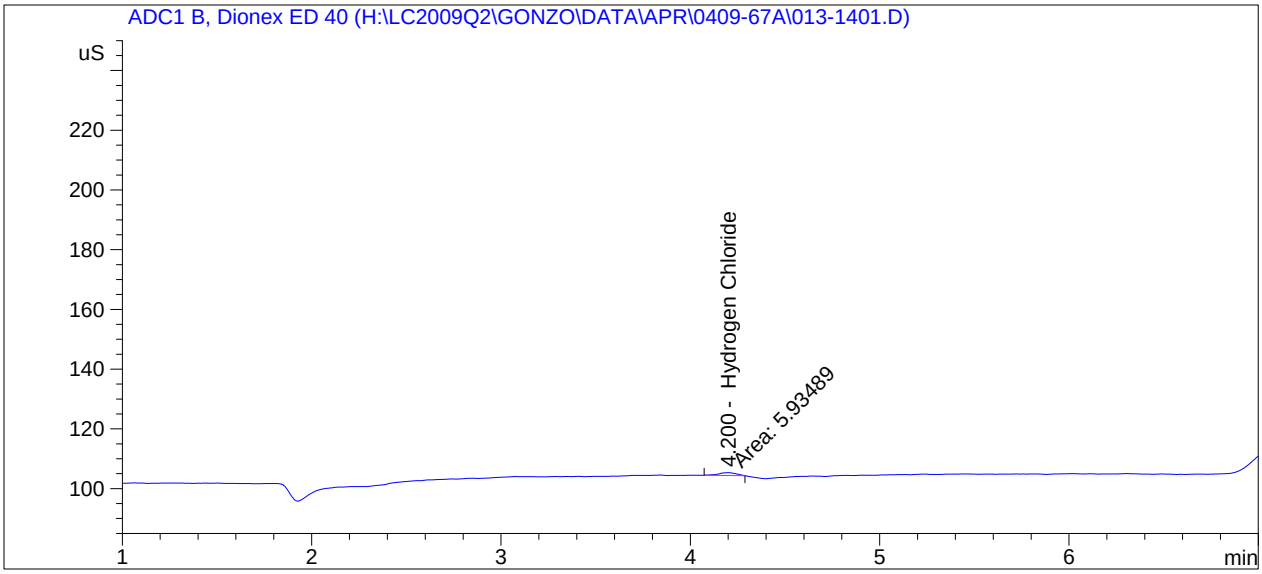
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\013-1401.D
Sample Name: R3 I1&2*4

==========

Acq. Operator : MDS
Seq. Line : 14
Acq. Instrument : Gonzo
Location : Vial 13
Injection Date : 4/22/2009 6:40:47 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.200	MM	5.93489	1.29318e-2	7.67488e-2		Hydrogen Chloride

Manual Integration (MDS)

Totals : 7.67488e-2

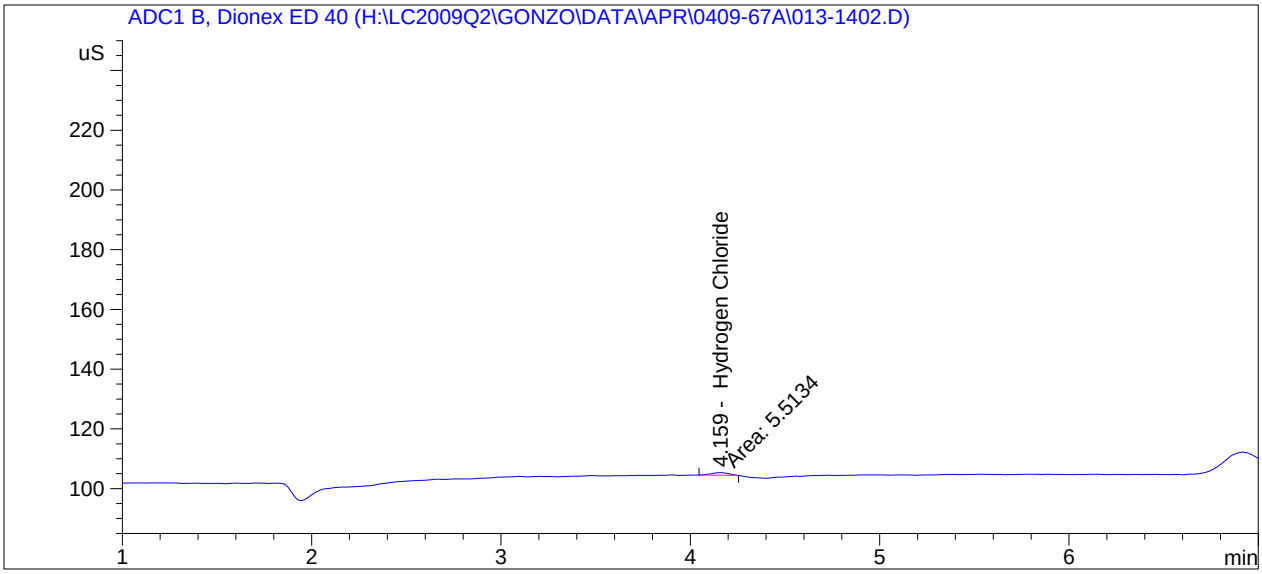
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\013-1402.D
Sample Name: R3 I1&2*4

==========

Acq. Operator : MDS
Seq. Line : 14
Acq. Instrument : Gonzo
Location : Vial 13
Injection Date : 4/22/2009 6:49:40 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67



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External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.159	MM	5.51340	1.29318e-2	7.12982e-2		Hydrogen Chloride

Manual Integration (MDS)

Totals : 7.12982e-2

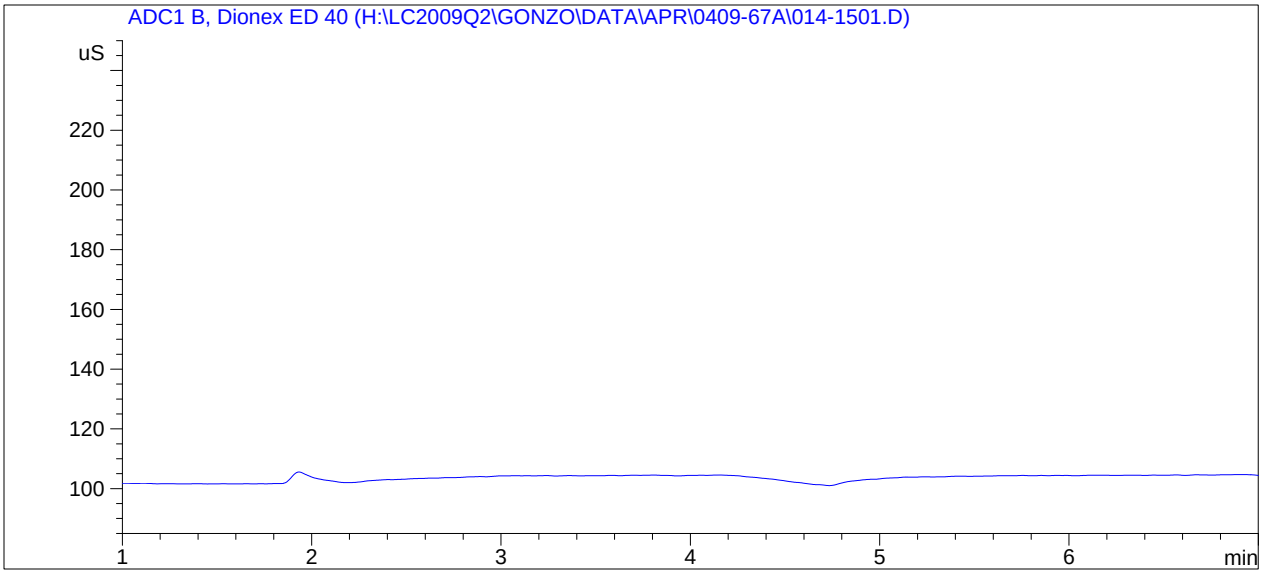
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\014-1501.D
Sample Name: H2SO4 Bk*4.1

==========

Acq. Operator : MDS
Seq. Line : 15
Acq. Instrument : Gonzo
Location : Vial 14
Injection Date : 4/22/2009 6:58:36 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67 Sample Blank



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External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.166		-	-	-		Hydrogen Chloride

Totals : 0.00000

1 Warnings or Errors :

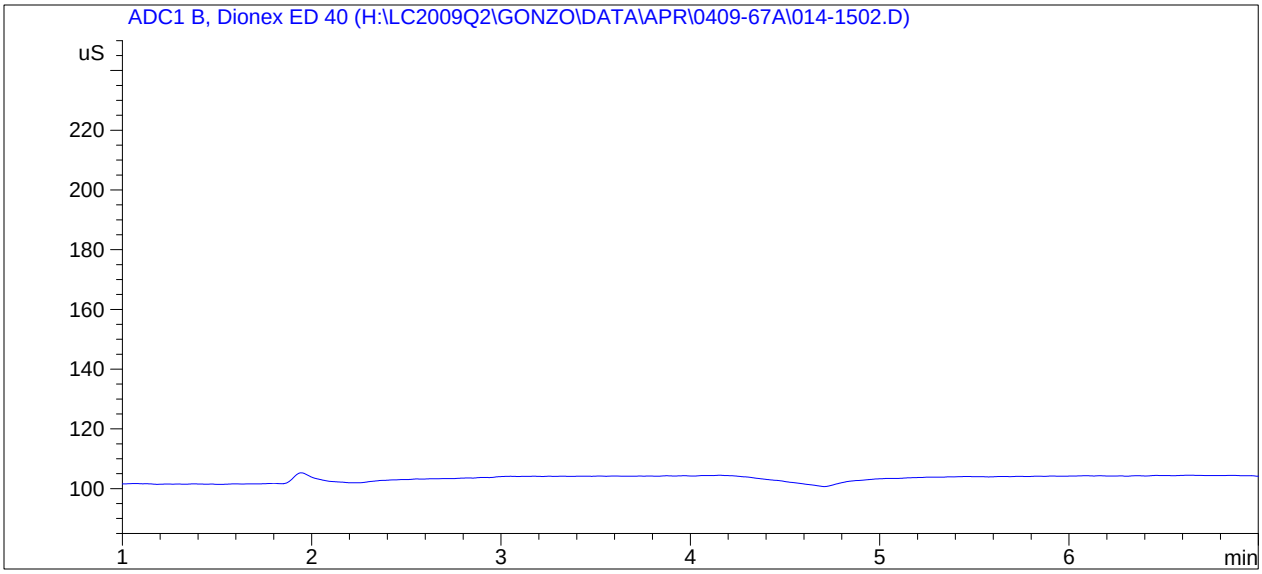
Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\014-1502.D
Sample Name: H2SO4 Bk*4.1

==========

Acq. Operator : MDS
Seq. Line : 15
Acq. Instrument : Gonzo
Location : Vial 14
Injection Date : 4/22/2009 7:07:31 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67 Sample Blank



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.166		-	-	-		Hydrogen Chloride

Totals : 0.00000

1 Warnings or Errors :

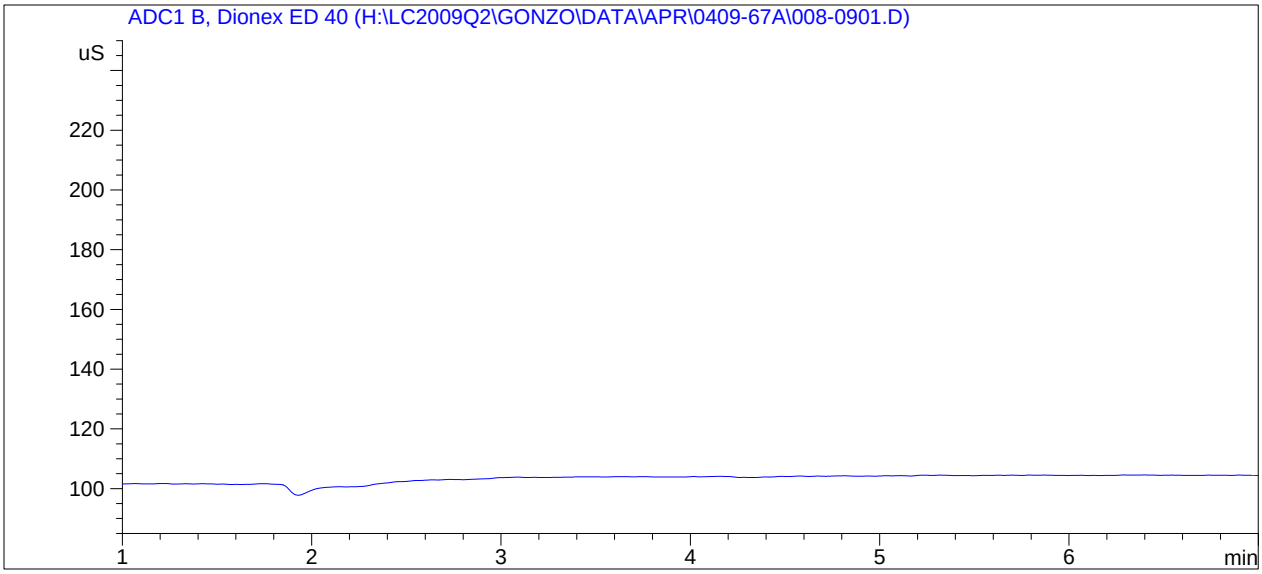
Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\008-0901.D
Sample Name: H2SO4 Rgt Blank

==========

Acq. Operator : MDS
Seq. Line : 9
Acq. Instrument : Gonzo
Location : Vial 8
Injection Date : 4/22/2009 5:11:58 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0.01N H2SO4, used to prepare standards



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External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.166		-	-	-		Hydrogen Chloride

Totals : 0.00000

1 Warnings or Errors :

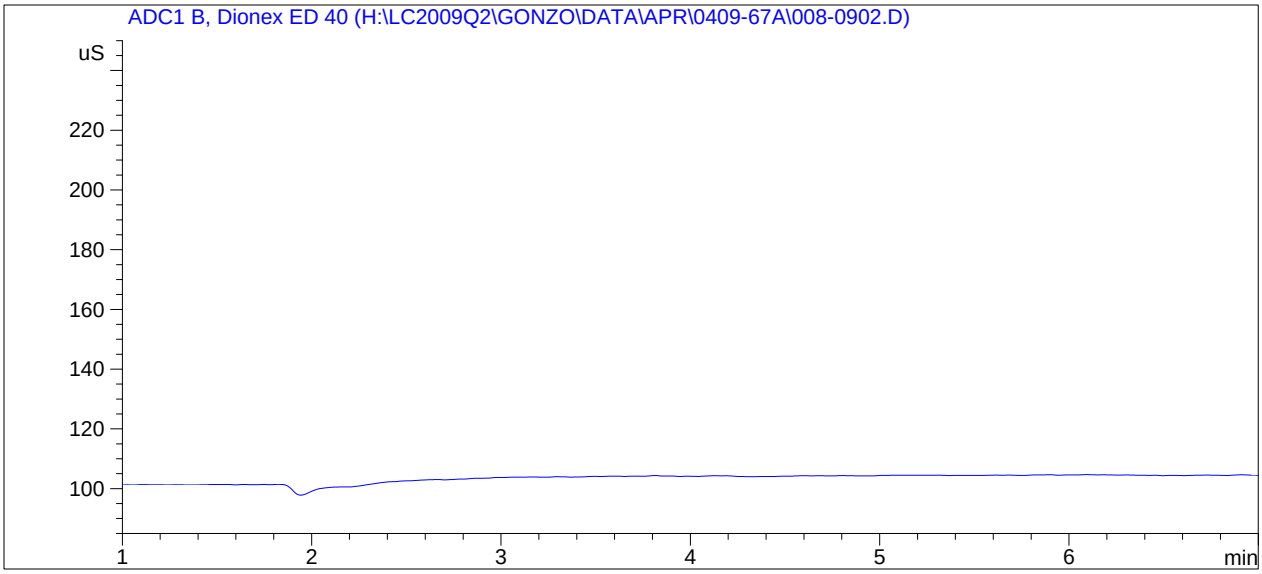
Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\008-0902.D
Sample Name: H2SO4 Rgt Blank

==========

Acq. Operator : MDS Seq. Line : 9
Acq. Instrument : Gonzo Location : Vial 8
Injection Date : 4/22/2009 5:20:53 PM Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0.01N H2SO4, used to prepare standards



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.166		-	-	-		Hydrogen Chloride

Totals : 0.00000

1 Warnings or Errors :

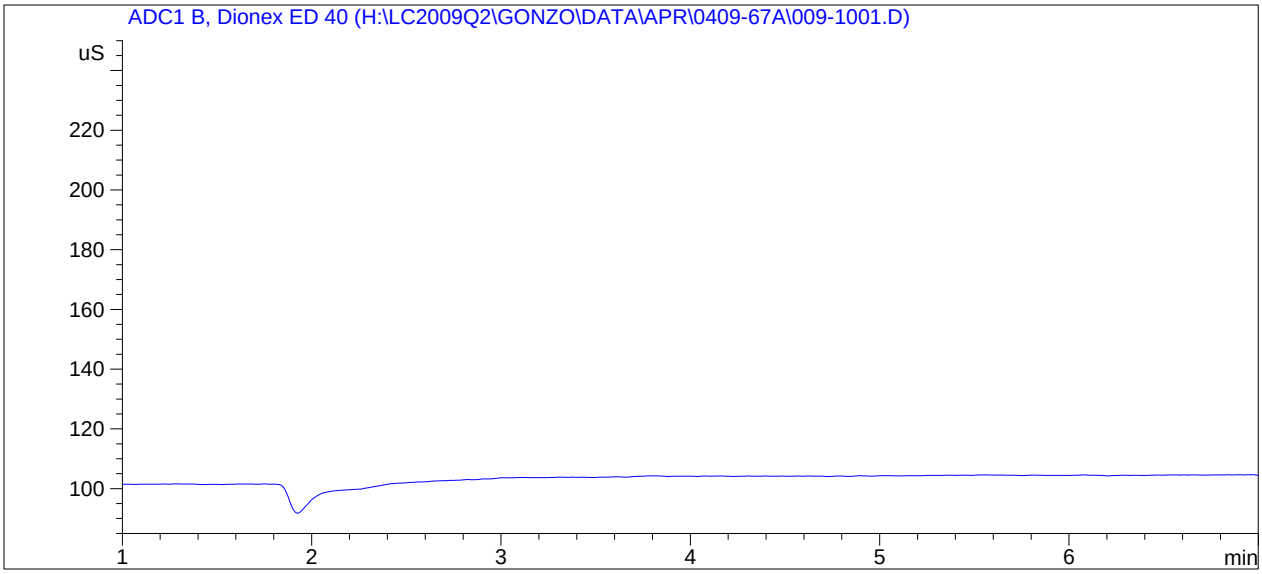
Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\009-1001.D
Sample Name: DI H2O Rgt Blank

==========

Acq. Operator : MDS Seq. Line : 10
Acq. Instrument : Gonzo Location : Vial 9
Injection Date : 4/22/2009 5:29:47 PM Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : used to dilute samples



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.166		-	-	-		Hydrogen Chloride

Totals : 0.00000

1 Warnings or Errors :

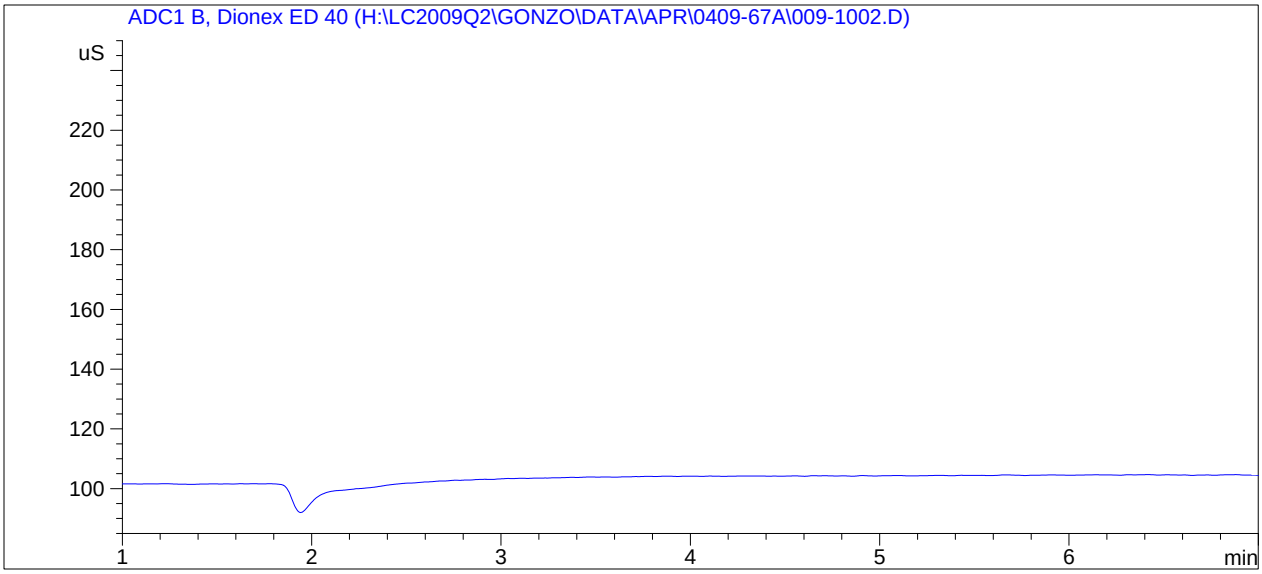
Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\009-1002.D
Sample Name: DI H2O Rgt Blank

==========

Acq. Operator : MDS Seq. Line : 10
Acq. Instrument : Gonzo Location : Vial 9
Injection Date : 4/22/2009 5:38:35 PM Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : used to dilute samples



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External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.166		-	-	-		Hydrogen Chloride

Totals : 0.00000

1 Warnings or Errors :

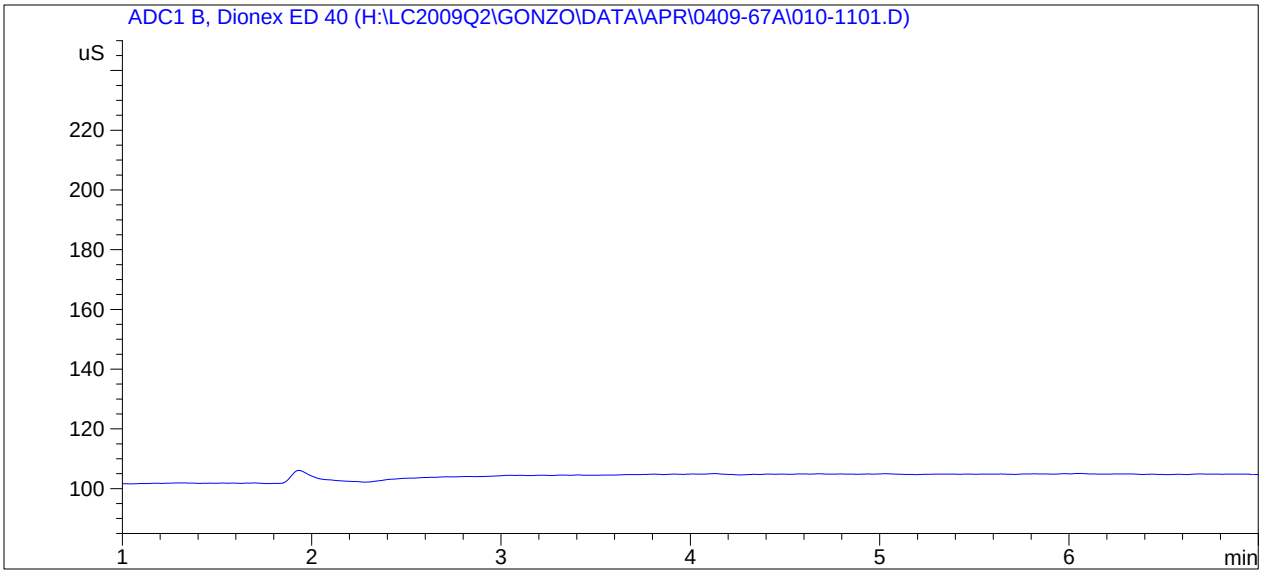
Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\010-1101.D
Sample Name: Method Blank*4.1

==========

Acq. Operator	: MDS	Seq. Line	: 11
Acq. Instrument	: Gonzo	Location	: Vial 10
Injection Date	: 4/22/2009 5:47:29 PM	Inj	: 1
		Inj Volume	: 25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M		
Last changed	: 4/13/2009 9:15:58 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67A.M		
Last changed	: 4/24/2009 11:51:44 AM by MDS		
Sample Info	: 0.1N H2SO4, pH-adjusted		



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.166		-	-	-		Hydrogen Chloride

Totals : 0.00000

1 Warnings or Errors :

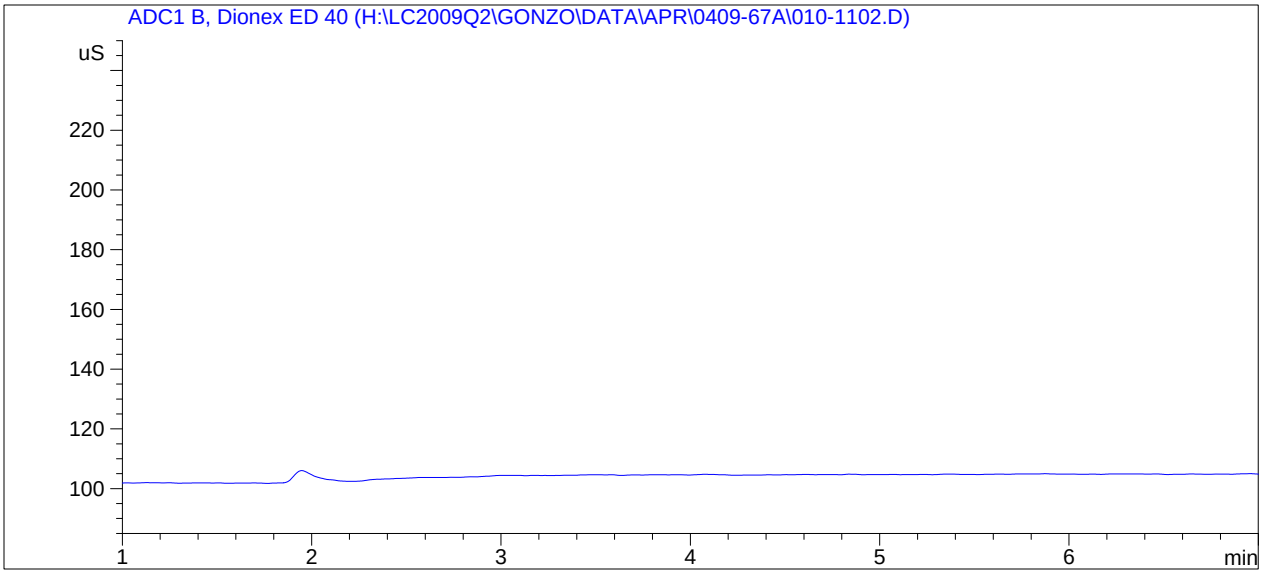
Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\010-1102.D
Sample Name: Method Blank*4.1

==========

Acq. Operator : MDS
Seq. Line : 11
Acq. Instrument : Gonzo
Location : Vial 10
Injection Date : 4/22/2009 5:56:25 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0.1N H2SO4, pH-adjusted



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.166		-	-	-		Hydrogen Chloride

Totals : 0.00000

1 Warnings or Errors :

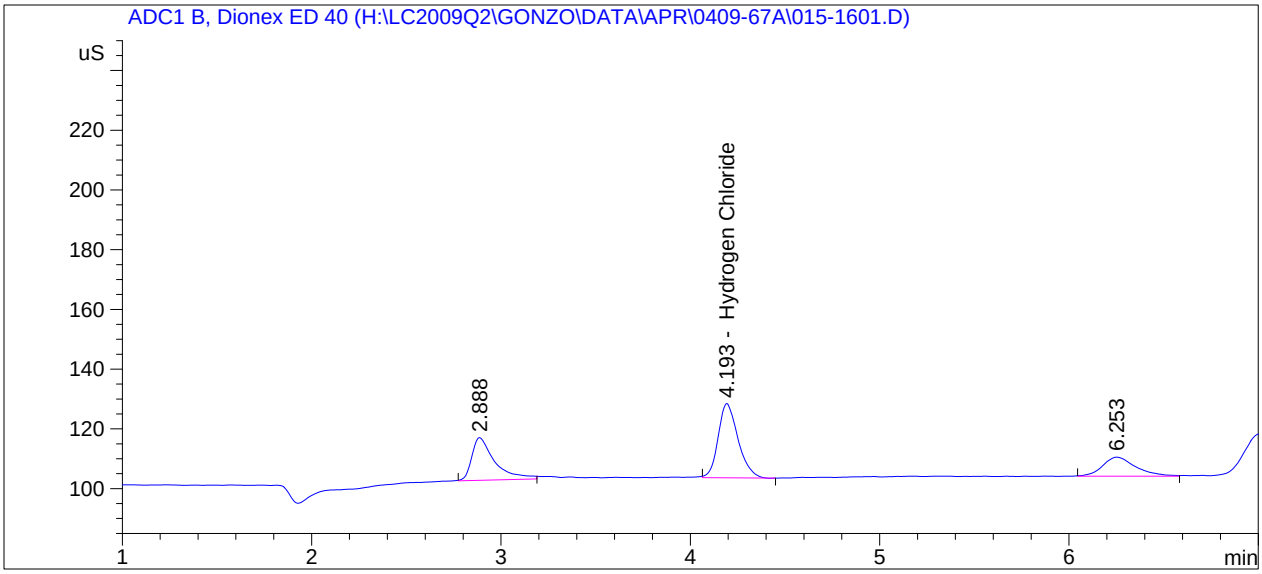
Warning : Calibrated compound(s) not found

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\015-1601.D
Sample Name: MS/R1 I1&2

==========

Acq. Operator : MDS
Seq. Line : 16
Acq. Instrument : Gonzo
Location : Vial 15
Injection Date : 4/22/2009 7:16:27 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67 Matrix Spike



==========

External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.193	BB	181.53806	1.30078e-2	2.36141		Hydrogen Chloride

Totals : 2.36141

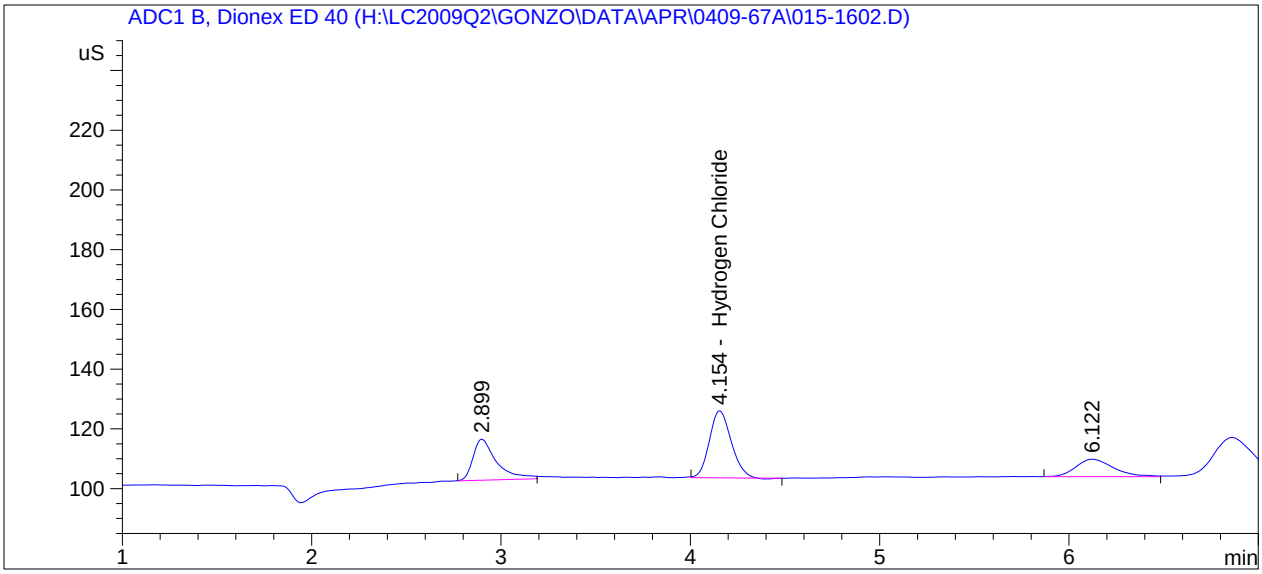
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\015-1602.D
Sample Name: MS/R1 I1&2

==========

Acq. Operator : MDS
Seq. Line : 16
Acq. Instrument : Gonzo
Location : Vial 15
Injection Date : 4/22/2009 7:25:19 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67 Matrix Spike



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.154	BB	178.99997	1.30076e-2	2.32835		Hydrogen Chloride

Totals : 2.32835

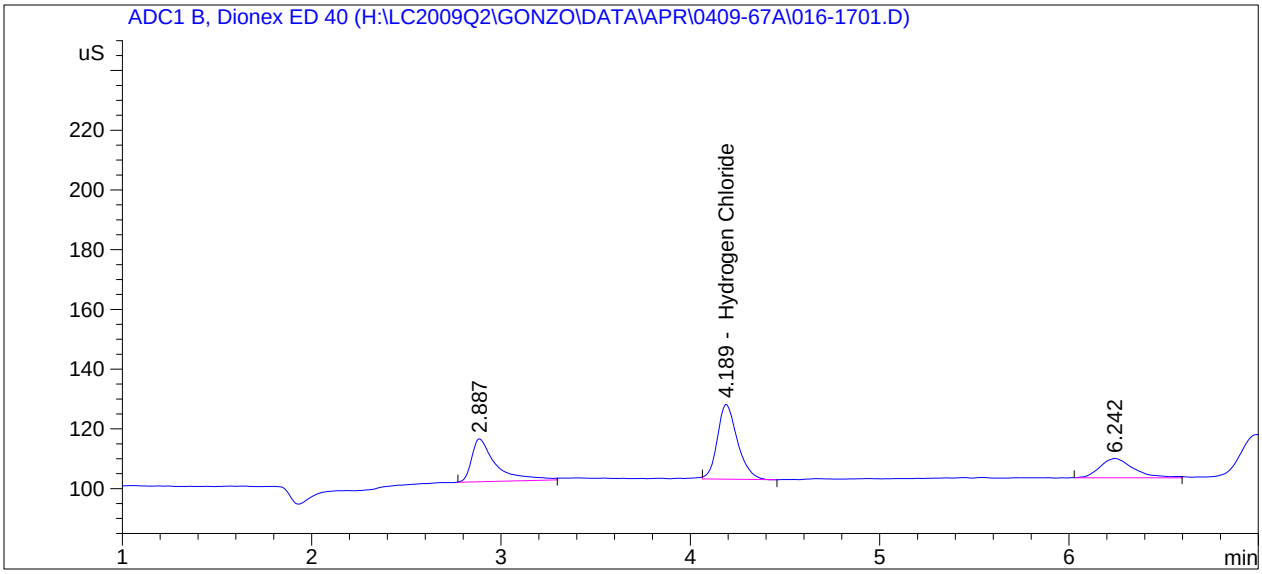
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\016-1701.D
Sample Name: MSD/R1 I1&2

==========

Acq. Operator : MDS
Seq. Line : 17
Acq. Instrument : Gonzo
Location : Vial 16
Injection Date : 4/22/2009 7:34:09 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67 Matrix Spike Duplicate



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.189	BB	184.58266	1.30081e-2	2.40107		Hydrogen Chloride

Totals : 2.40107

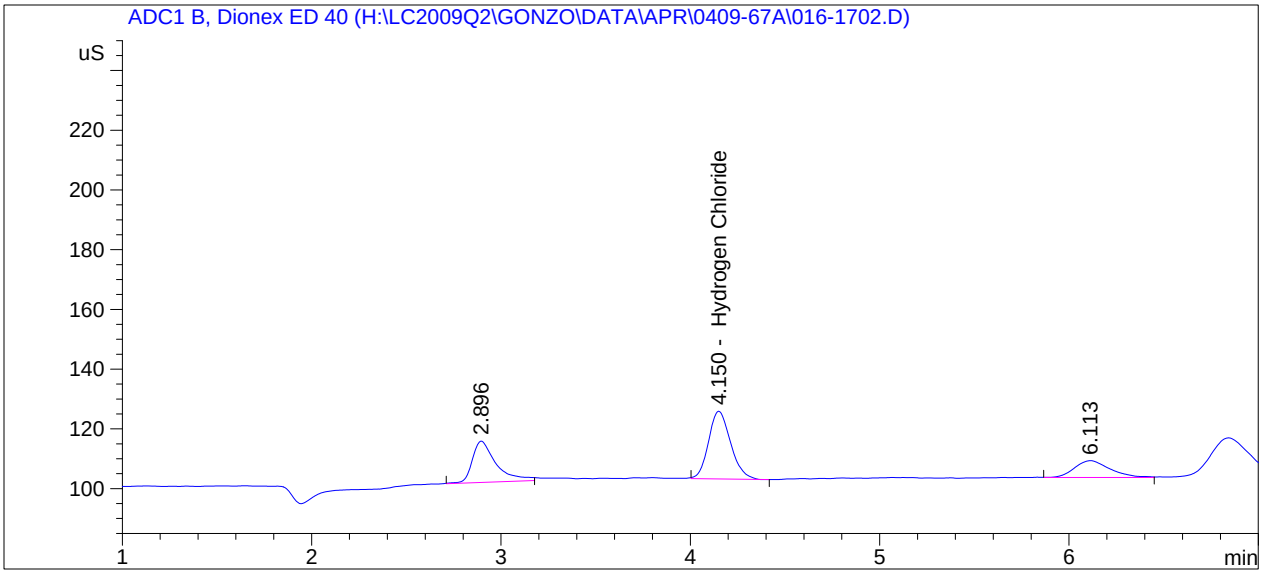
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\016-1702.D
Sample Name: MSD/R1 I1&2

==========

Acq. Operator : MDS
Seq. Line : 17
Acq. Instrument : Gonzo
Location : Vial 16
Injection Date : 4/22/2009 7:43:00 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS
Sample Info : 0409-67 Matrix Spike Duplicate



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.150	BB	183.91187	1.30080e-2	2.39233		Hydrogen Chloride

Totals : 2.39233

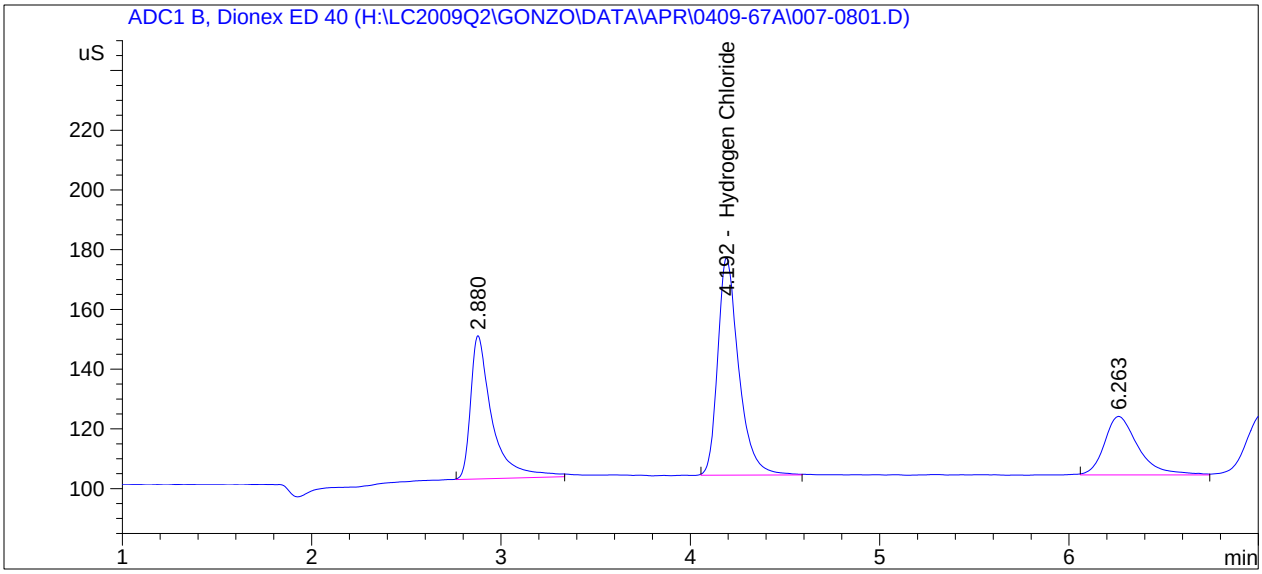
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\007-0801.D
Sample Name: hplc44pg54 LCS

==========

Acq. Operator	: MDS	Seq. Line :	8
Acq. Instrument	: Gonzo	Location :	Vial 7
Injection Date	: 4/22/2009 4:54:07 PM	Inj :	1
		Inj Volume :	25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M		
Last changed	: 4/13/2009 9:15:58 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67A.M		
Last changed	: 4/24/2009 11:51:44 AM by MDS		
Sample Info	: LCS/Second Source		



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.192	BB	562.72369	1.30199e-2	7.32660		Hydrogen Chloride tag: 7.66 ug/mL
Totals :				7.32660		

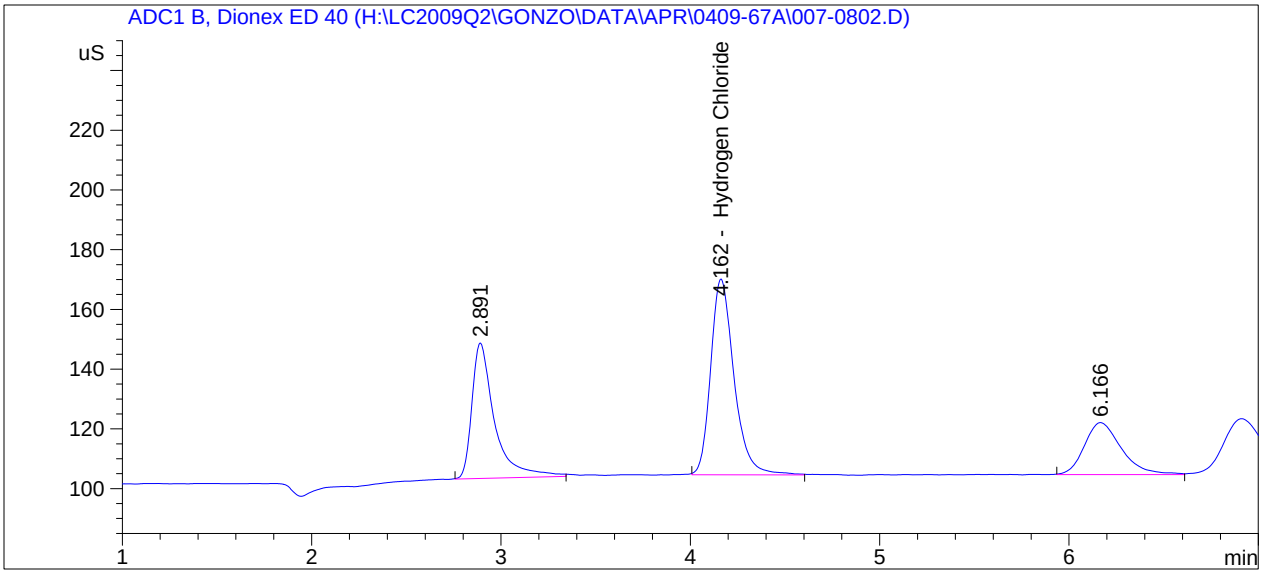
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\007-0802.D
Sample Name: hplc44pg54 LCS

==========

Acq. Operator	: MDS	Seq. Line :	8
Acq. Instrument	: Gonzo	Location :	Vial 7
Injection Date	: 4/22/2009 5:03:05 PM	Inj :	2
		Inj Volume :	25 µl
Acq. Method	: H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M		
Last changed	: 4/13/2009 9:15:58 AM by MDS		
Analysis Method	: H:\LC2009Q2\GONZO\METHODS\0409-67A.M		
Last changed	: 4/24/2009 11:51:44 AM by MDS		
Sample Info	: LCS/Second Source		



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External Standard Report

==========

Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.162	BB	562.16516	1.30199e-2	7.31933		Hydrogen Chloride

tag: 7.66 ug/mL

Totals : 7.31933

==========

*** End of Report ***

Curve(s)/QA Point(s)
Chromatograms
Method 26A
H2SO4 Fractions

Calibration Table

Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM

Calculate : External Standard
Based on : Peak Area

Rel. Reference Window : 20.000 %
Abs. Reference Window : 0.000 min
Rel. Non-ref. Window : 20.000 %
Abs. Non-ref. Window : 0.000 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Connected
Weight : Linear (Amnt)

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Sig	Lvl	Amount [ug/mL]	Area	Amt/Area	Ref	Grp	Name
4.166	1	1	4.46000e-1	37.64808	1.18466e-2			Hydrogen Chloride
		2	2.45000	176.36204	1.38919e-2			
		3	4.67000	343.46021	1.35969e-2			
		4	6.70000	505.90628	1.32436e-2			
		5	9.44000	722.18750	1.30714e-2			
		6	13.30000	1056.93793	1.25835e-2			

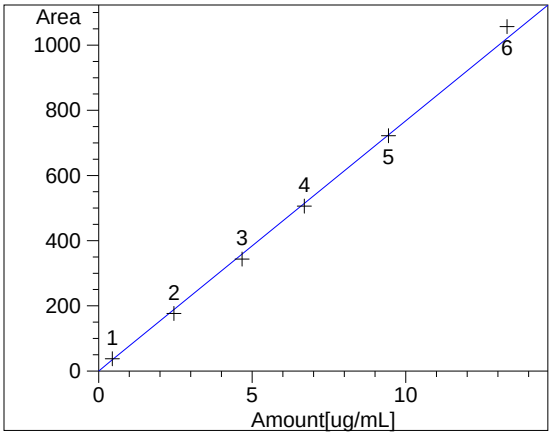
Peak Sum Table

No Entries in table

==========

Calibration Curves

==========



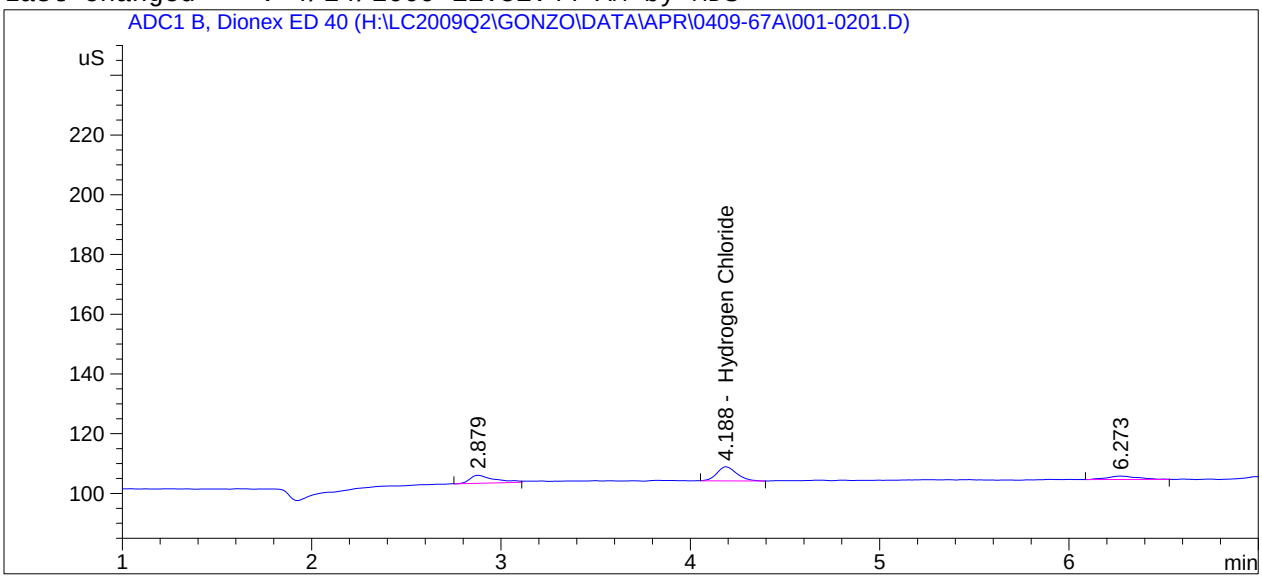
Hydrogen Chloride at exp. RT: 4.166
ADC1 B, Dionex ED 40
Correlation: 0.99921
Residual Std. Dev.: 20.86145
Formula: y = mx + b
m: 76.77164
b: 2.48472e-1
x: Amount
y: Area
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.182041
Level 3 : 0.095503
Level 4 : 0.066567
Level 5 : 0.047246
Level 6 : 0.033534

==========

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\001-0201.D
Sample Name: hplc44pg54 #1

==========

Acq. Operator : MDS
Seq. Line : 2
Acq. Instrument : Gonzo
Location : Vial 1
Injection Date : 4/22/2009 3:06:50 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.188	BB	34.24675	1.29318e-2	4.42872e-1		Hydrogen Chloride

Totals : 4.42872e-1

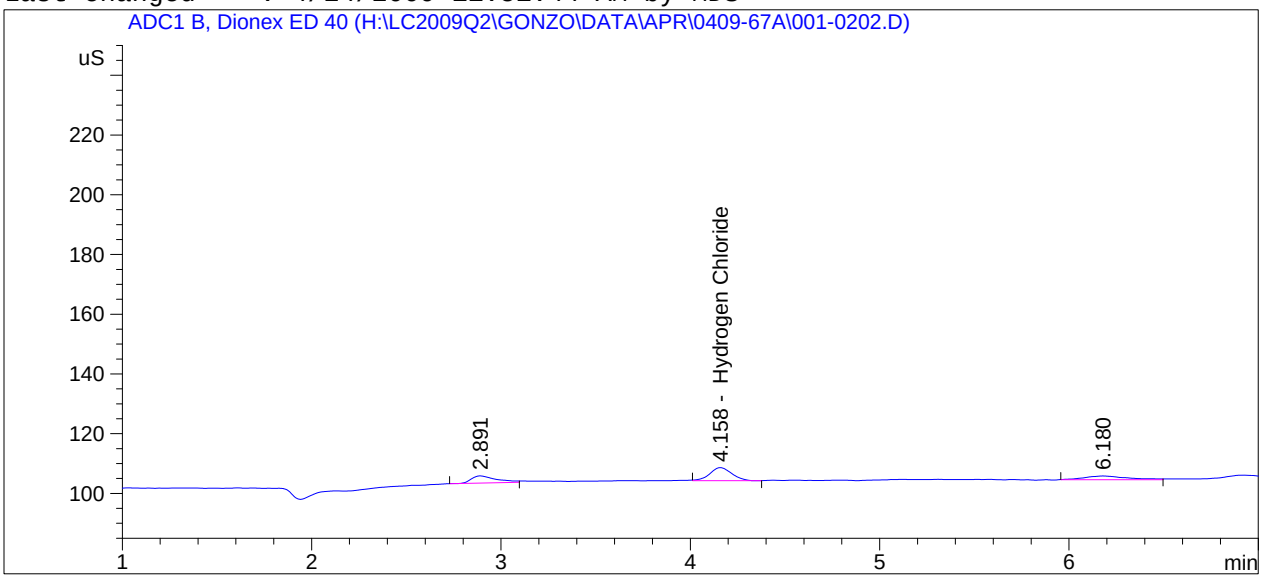
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\001-0202.D
Sample Name: hplc44pg54 #1

==========

Acq. Operator : MDS
Seq. Line : 2
Acq. Instrument : Gonzo
Location : Vial 1
Injection Date : 4/22/2009 3:15:49 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.158	BB	34.80628	1.29327e-2	4.50138e-1		Hydrogen Chloride

Totals : 4.50138e-1

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\001-2201.D
Sample Name: hplc44pg54 #1

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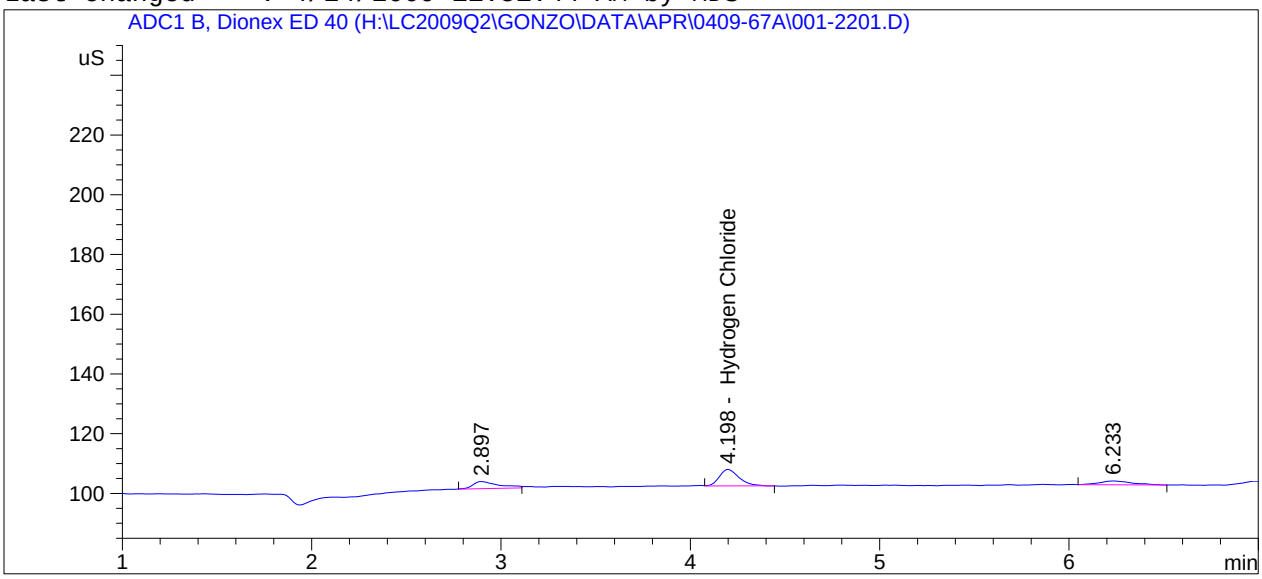
Acq. Operator : MDS
Seq. Line : 22
Acq. Instrument : Gonzo
Location : Vial 1
Injection Date : 4/22/2009 9:03:33 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.198	BB	39.83245	1.29444e-2	5.15607e-1		Hydrogen Chloride

Totals : 5.15607e-1

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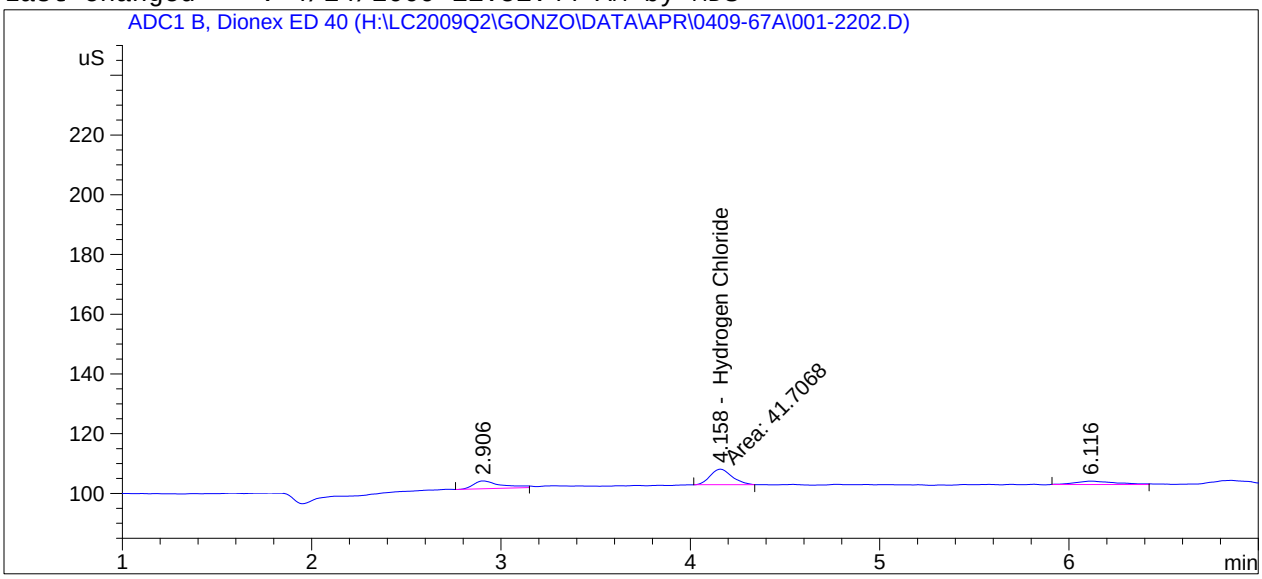
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\001-2202.D
Sample Name: hplc44pg54 #1

==========

Acq. Operator : MDS
Seq. Line : 22
Acq. Instrument : Gonzo
Location : Vial 1
Injection Date : 4/22/2009 9:12:26 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.158	MM	41.70683	1.29480e-2	5.40022e-1		Hydrogen Chloride

Manual Integration (MDS)

Totals : 5.40022e-1

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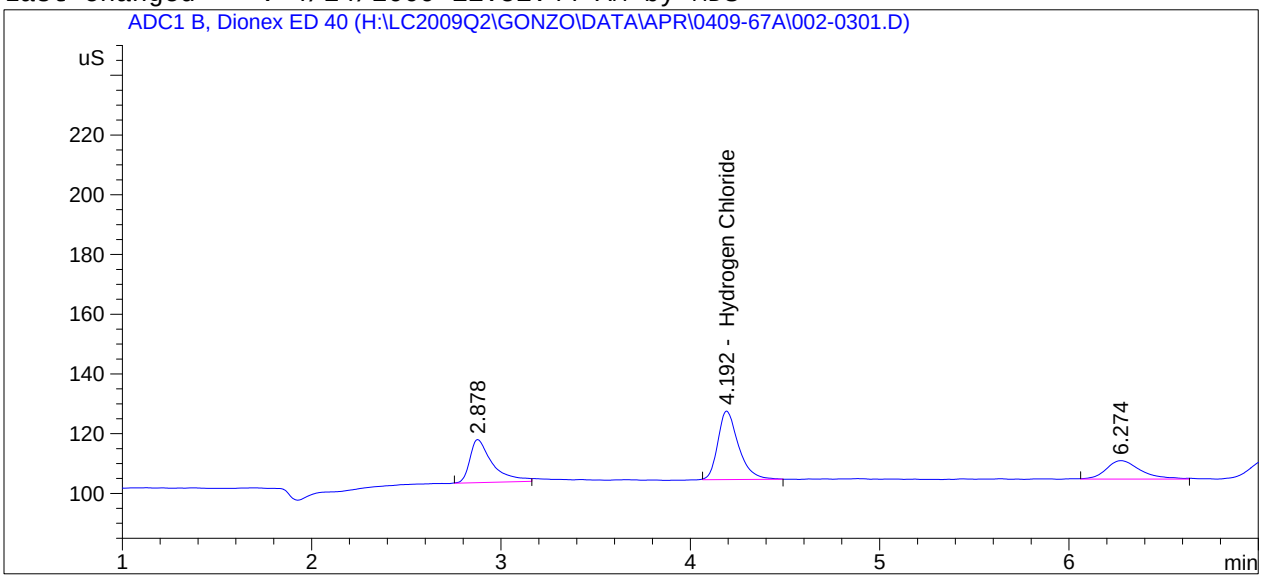
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\002-0301.D
Sample Name: hplc44pg54 #2

==========

Acq. Operator : MDS
Seq. Line : 3
Acq. Instrument : Gonzo
Location : Vial 2
Injection Date : 4/22/2009 3:24:48 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.192	BB	174.09302	1.30071e-2	2.26444		Hydrogen Chloride

Totals : 2.26444

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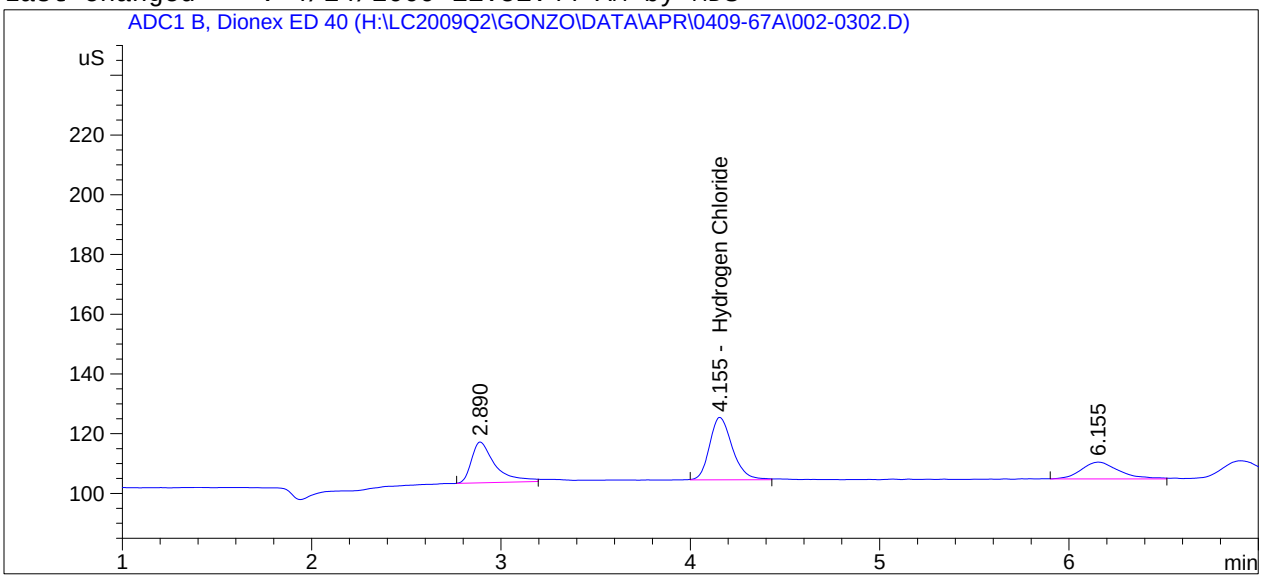
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\002-0302.D
Sample Name: hplc44pg54 #2

==========

Acq. Operator : MDS
Seq. Line : 3
Acq. Instrument : Gonzo
Location : Vial 2
Injection Date : 4/22/2009 3:33:43 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.155	BB	174.71181	1.30071e-2	2.27250		Hydrogen Chloride

Totals : 2.27250

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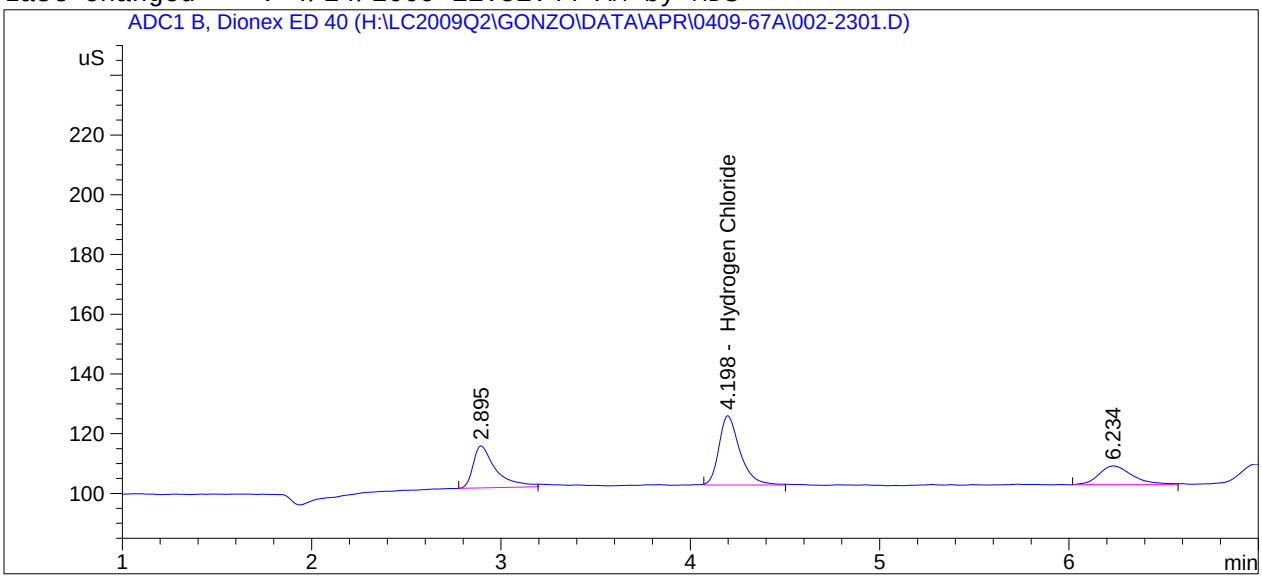
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\002-2301.D
Sample Name: hplc44pg54 #2

==========

Acq. Operator : MDS
Seq. Line : 23
Acq. Instrument : Gonzo
Location : Vial 2
Injection Date : 4/22/2009 9:21:29 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.198	BB	179.13660	1.30076e-2	2.33013		Hydrogen Chloride

Totals : 2.33013

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\002-2302.D
Sample Name: hplc44pg54 #2

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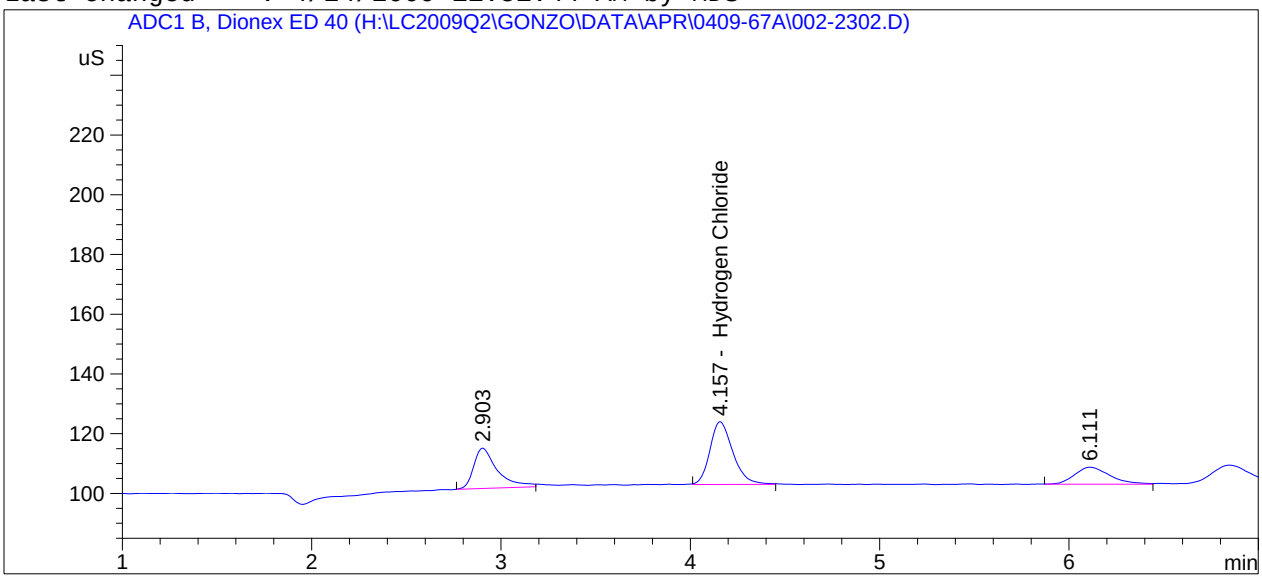
Acq. Operator : MDS
Seq. Line : 23
Acq. Instrument : Gonzo
Location : Vial 2
Injection Date : 4/22/2009 9:30:26 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.157	BB	177.50674	1.30074e-2	2.30890		Hydrogen Chloride

Totals : 2.30890

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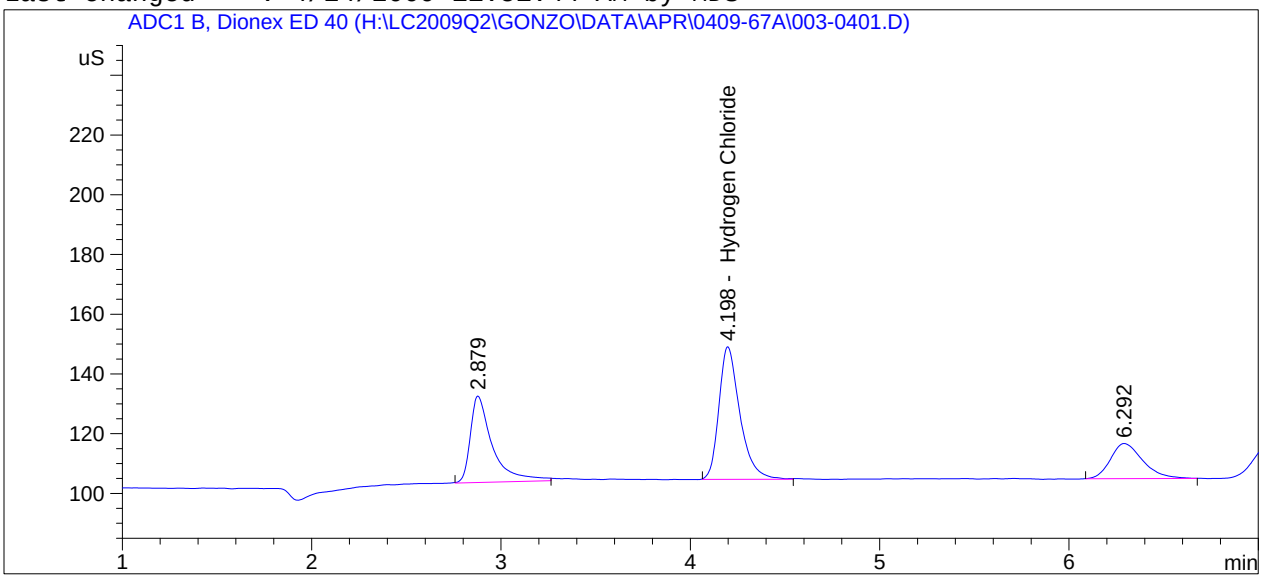
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\003-0401.D
Sample Name: hplc44pg54 #3

==========

Acq. Operator : MDS
Seq. Line : 4
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/22/2009 3:42:45 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.198	BB	342.08157	1.30162e-2	4.45260		Hydrogen Chloride

Totals : 4.45260

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\003-0402.D
Sample Name: hplc44pg54 #3

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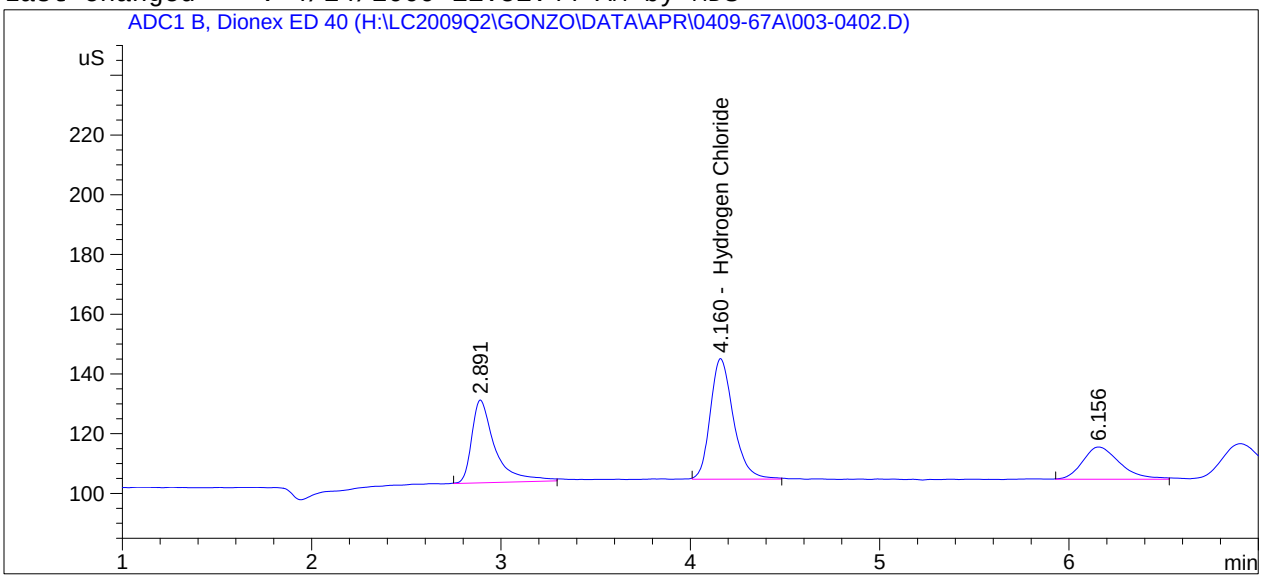
Acq. Operator : MDS
Seq. Line : 4
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/22/2009 3:51:43 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.160	BB	342.31009	1.30162e-2	4.45557		Hydrogen Chloride

Totals : 4.45557

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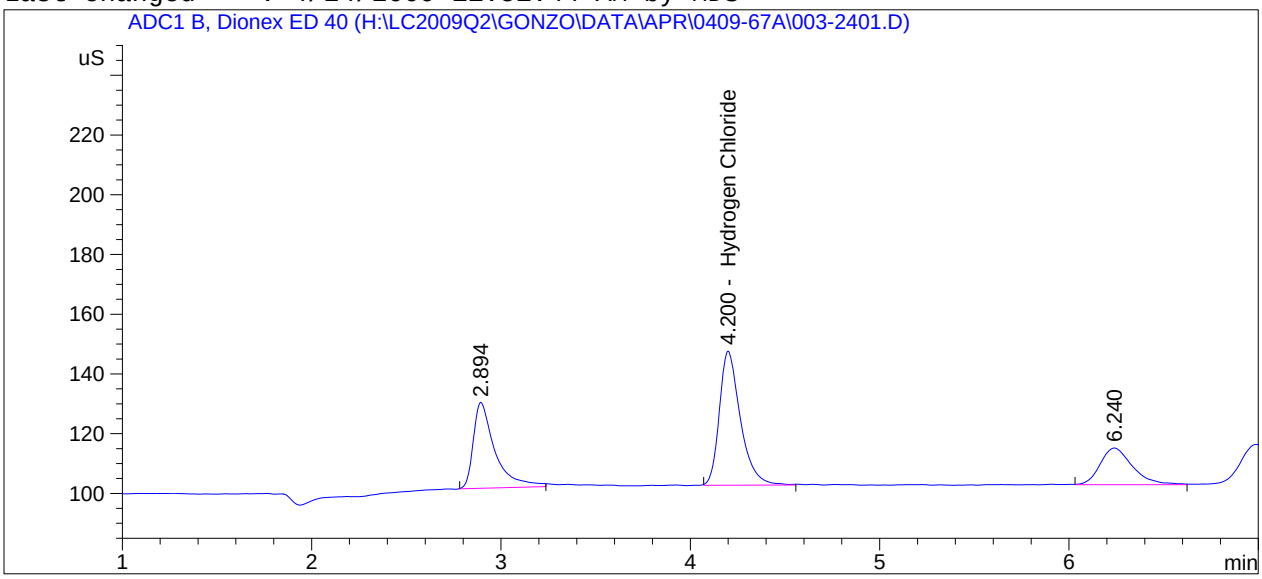
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\003-2401.D
Sample Name: hplc44pg54 #3

==========

Acq. Operator : MDS
Seq. Line : 24
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/22/2009 9:39:20 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.200	BB	347.18372	1.30163e-2	4.51905		Hydrogen Chloride

Totals : 4.51905

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*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\003-2402.D
Sample Name: hplc44pg54 #3

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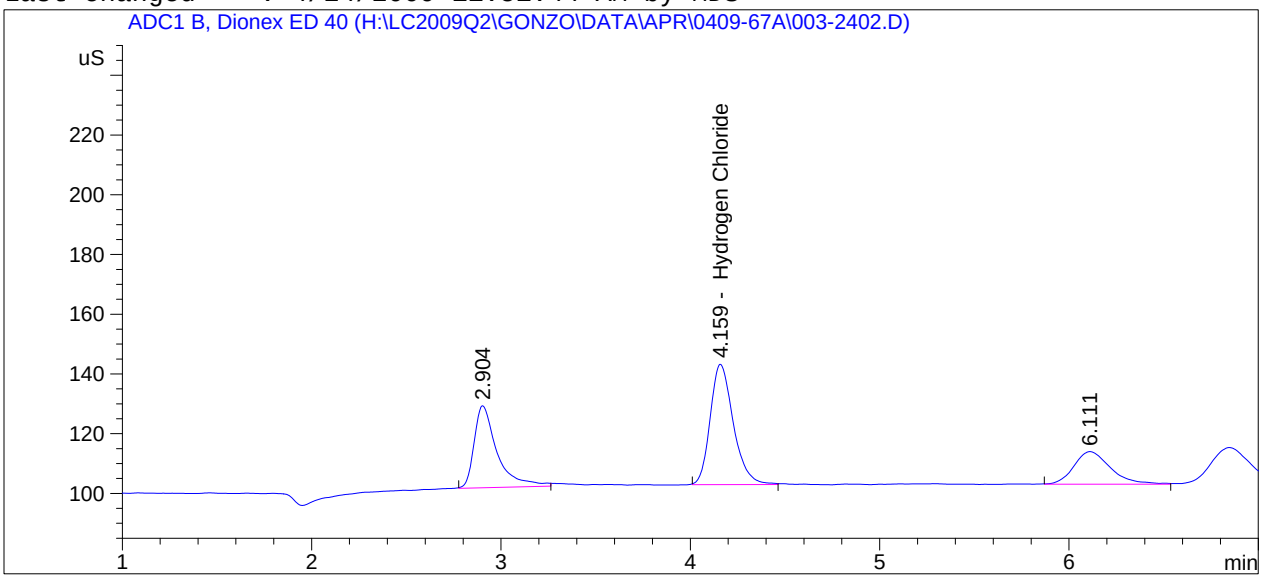
Acq. Operator : MDS
Seq. Line : 24
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/22/2009 9:48:24 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.159	BB	342.26544	1.30162e-2	4.45499		Hydrogen Chloride

Totals : 4.45499

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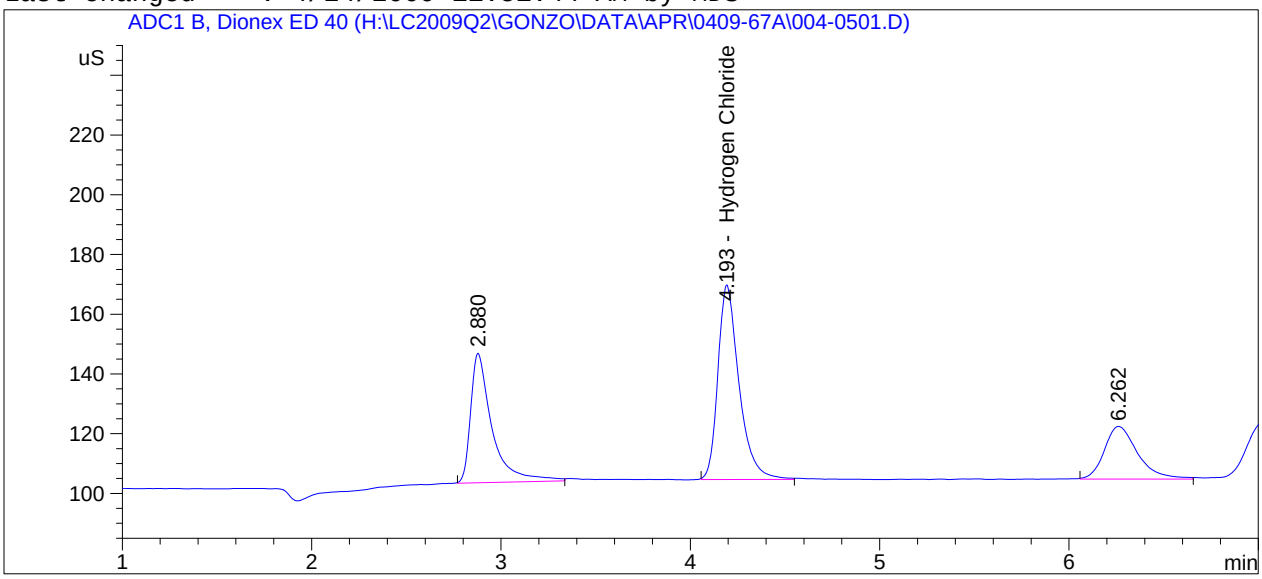
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\004-0501.D
Sample Name: hplc44pg54 #4

==========

Acq. Operator : MDS
Seq. Line : 5
Acq. Instrument : Gonzo
Location : Vial 4
Injection Date : 4/22/2009 4:00:43 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.193	BB	505.12939	1.30192e-2	6.57640		Hydrogen Chloride

Totals : 6.57640

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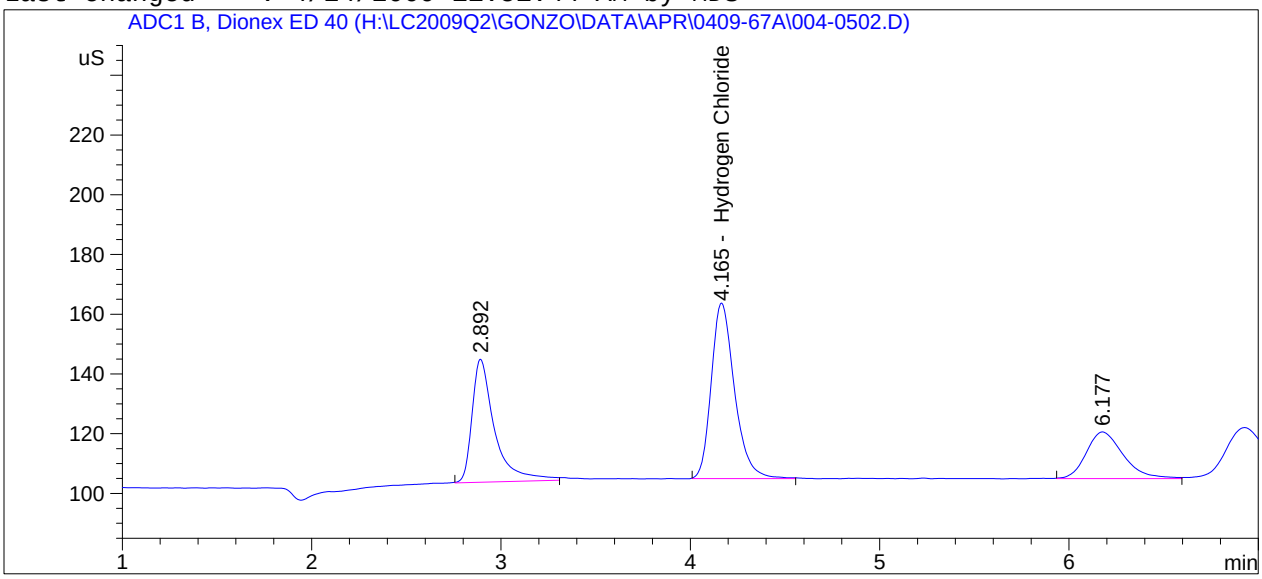
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\004-0502.D
Sample Name: hplc44pg54 #4

==========

Acq. Operator : MDS
Seq. Line : 5
Acq. Instrument : Gonzo
Location : Vial 4
Injection Date : 4/22/2009 4:09:42 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.165	BB	502.39673	1.30192e-2	6.54080		Hydrogen Chloride

Totals : 6.54080

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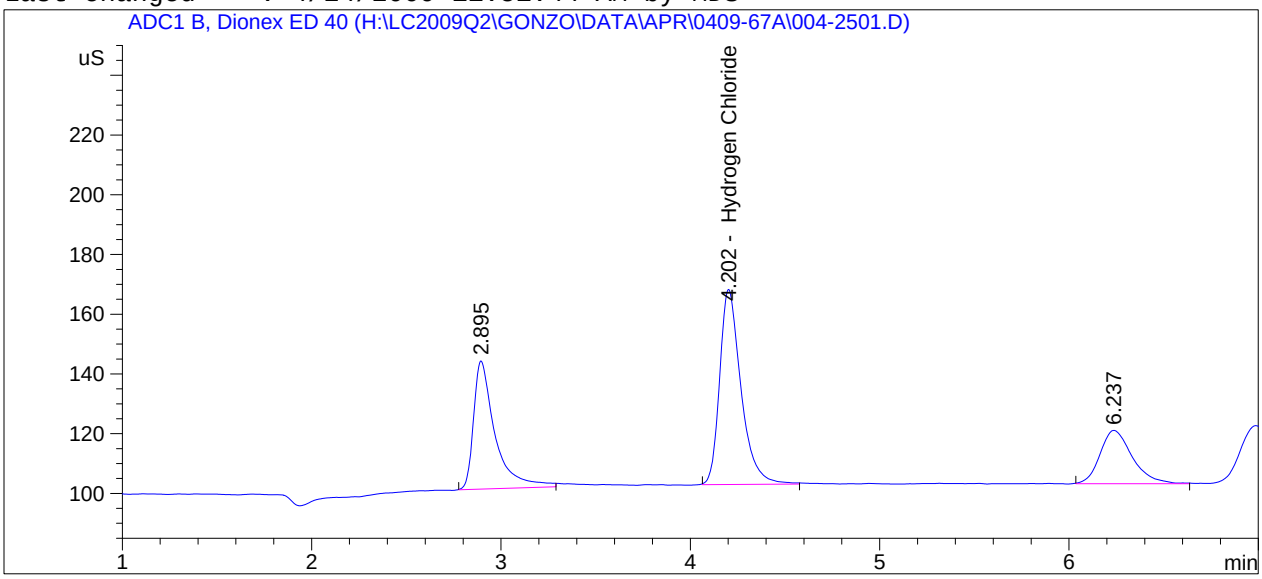
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\004-2501.D
Sample Name: hplc44pg54 #4

==========

Acq. Operator : MDS
Seq. Line : 25
Acq. Instrument : Gonzo
Location : Vial 4
Injection Date : 4/22/2009 9:57:20 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.202	BB	511.55981	1.30193e-2	6.66016		Hydrogen Chloride

Totals : 6.66016

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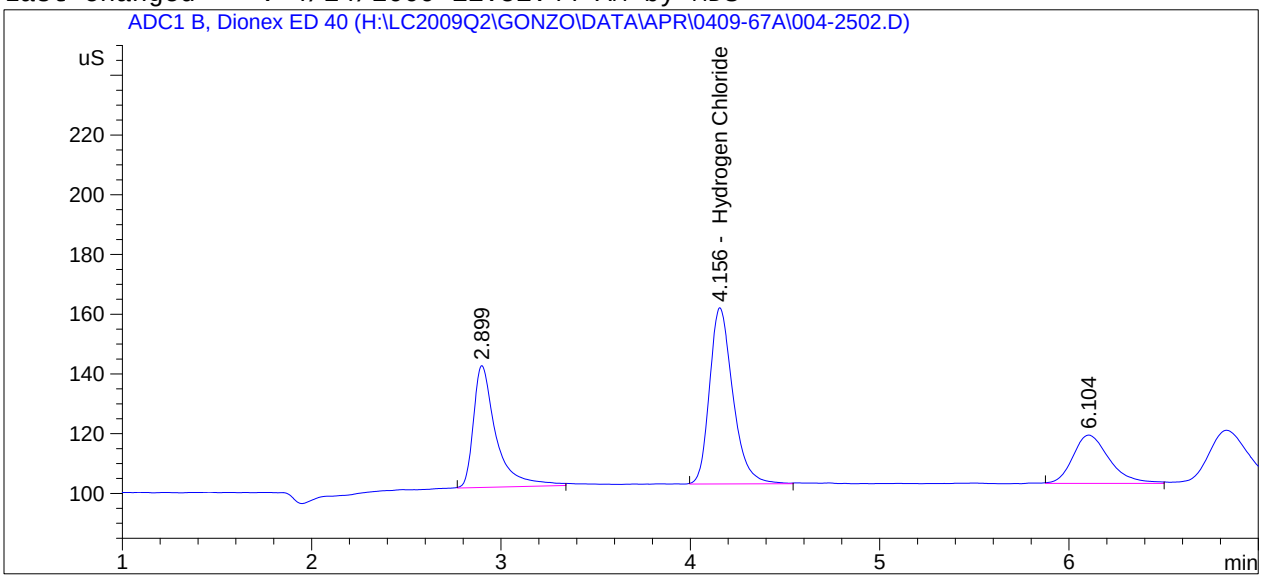
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\004-2502.D
Sample Name: hplc44pg54 #4

==========

Acq. Operator : MDS
Seq. Line : 25
Acq. Instrument : Gonzo
Location : Vial 4
Injection Date : 4/22/2009 10:06:18 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.156	BB	504.53918	1.30192e-2	6.56871		Hydrogen Chloride

Totals : 6.56871

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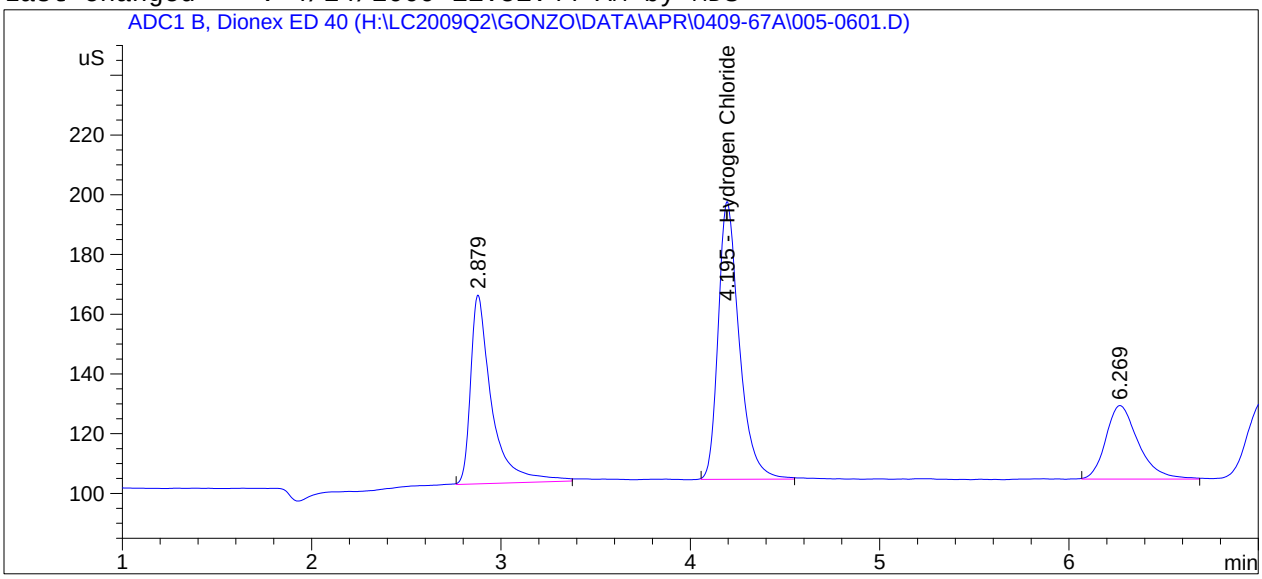
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\005-0601.D
Sample Name: hplc44pg54 #5

==========

Acq. Operator : MDS
Seq. Line : 6
Acq. Instrument : Gonzo
Location : Vial 5
Injection Date : 4/22/2009 4:18:32 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.195	BB	718.75092	1.30211e-2	9.35896		Hydrogen Chloride

Totals : 9.35896

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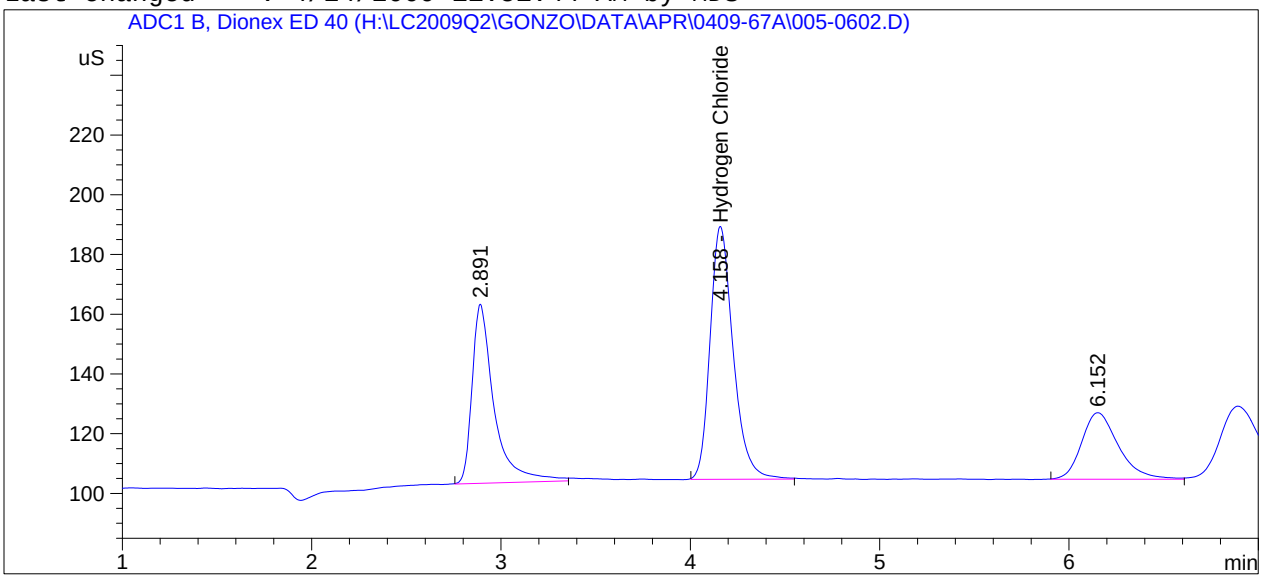
*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\005-0602.D
Sample Name: hplc44pg54 #5

==========

Acq. Operator : MDS
Seq. Line : 6
Acq. Instrument : Gonzo
Location : Vial 5
Injection Date : 4/22/2009 4:27:25 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.158	BB	717.31085	1.30211e-2	9.34020		Hydrogen Chloride

Totals : 9.34020

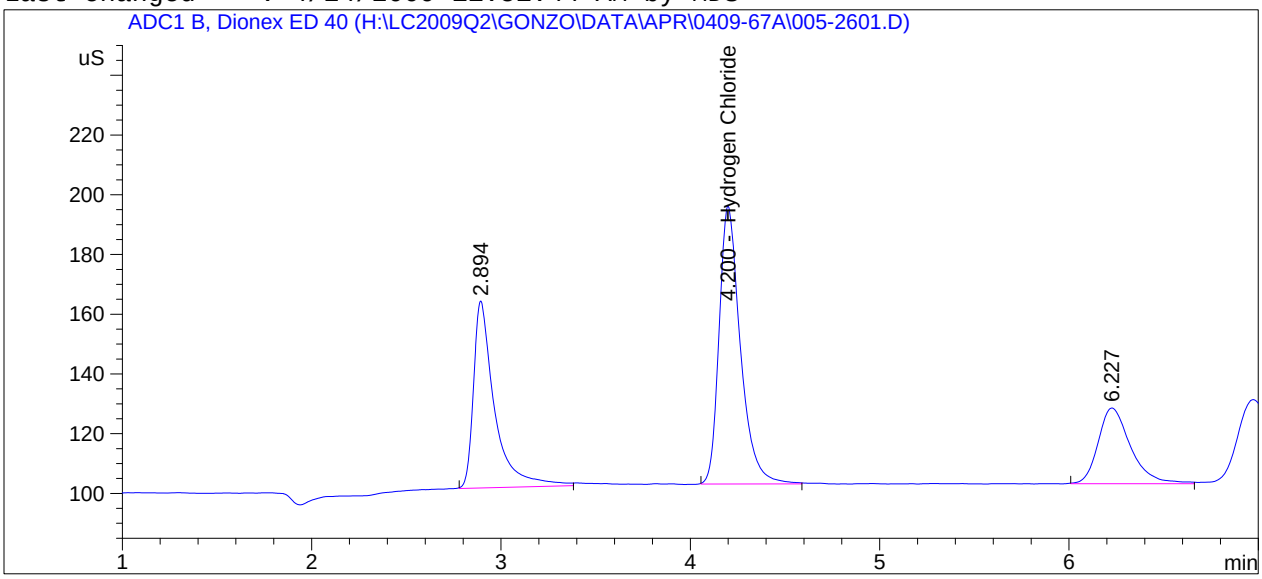
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\005-2601.D
Sample Name: hplc44pg54 #5

==========

Acq. Operator : MDS
Seq. Line : 26
Acq. Instrument : Gonzo
Location : Vial 5
Injection Date : 4/22/2009 10:15:11 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.200	BB	727.23334	1.30212e-2	9.46945		Hydrogen Chloride

Totals : 9.46945

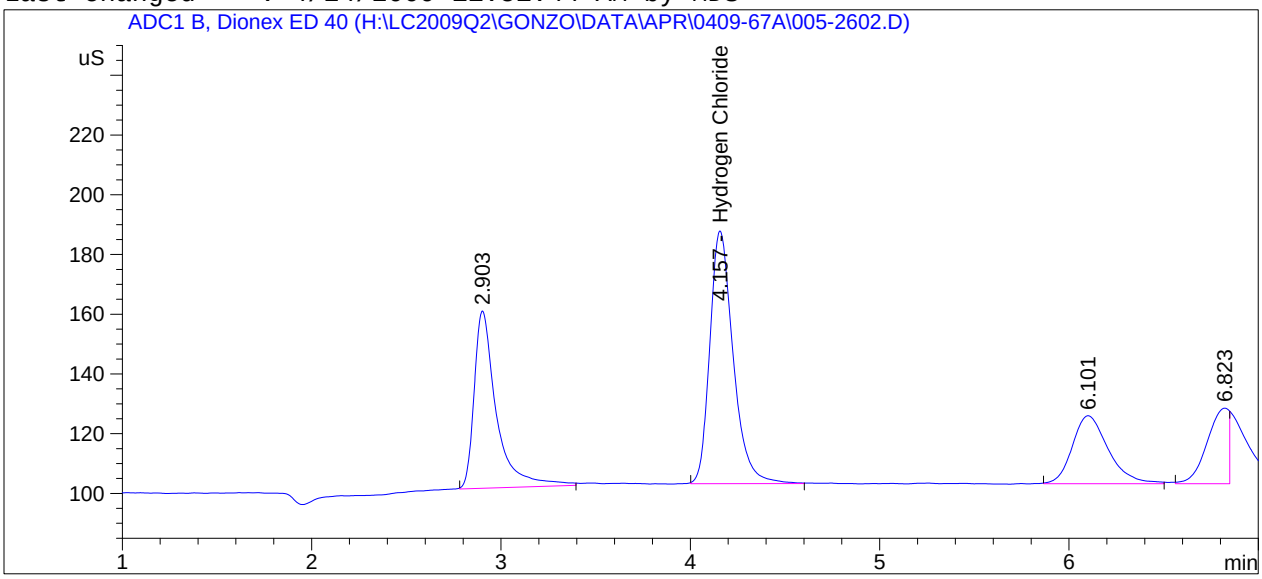
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\005-2602.D
Sample Name: hplc44pg54 #5

==========

Acq. Operator : MDS
Seq. Line : 26
Acq. Instrument : Gonzo
Location : Vial 5
Injection Date : 4/22/2009 10:23:59 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.157	BB	725.45490	1.30212e-2	9.44628		Hydrogen Chloride

Totals : 9.44628

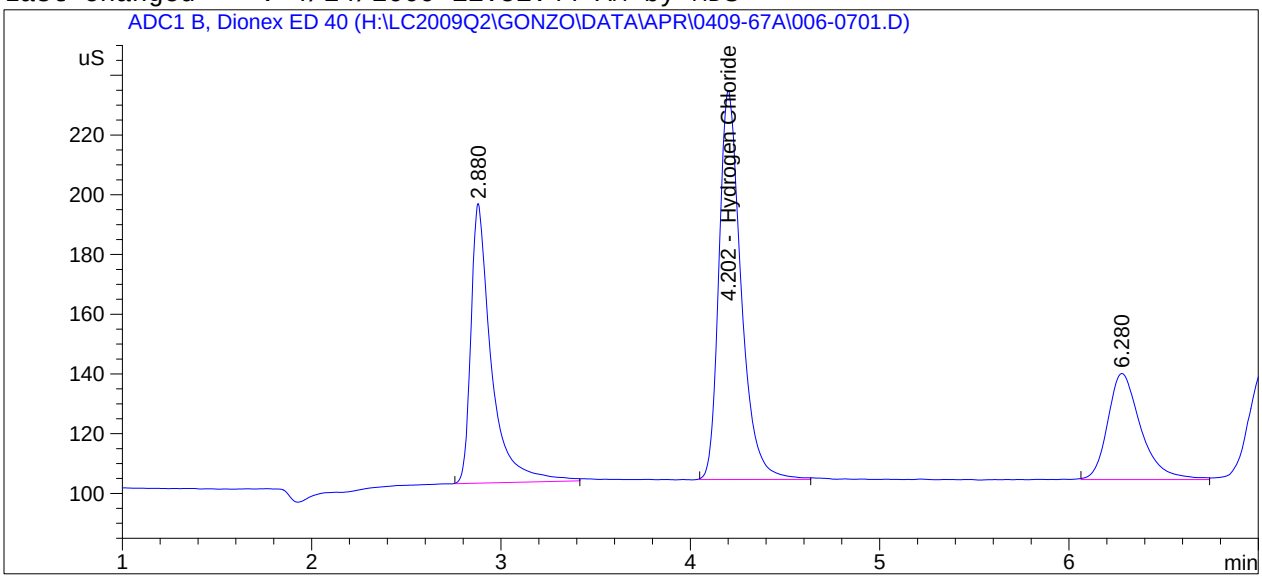
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\006-0701.D
Sample Name: hplc44pg54 #6

==========

Acq. Operator : MDS
Seq. Line : 7
Acq. Instrument : Gonzo
Location : Vial 6
Injection Date : 4/22/2009 4:36:23 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.202	BB	1056.49927	1.30226e-2	13.75835		Hydrogen Chloride

Totals : 13.75835

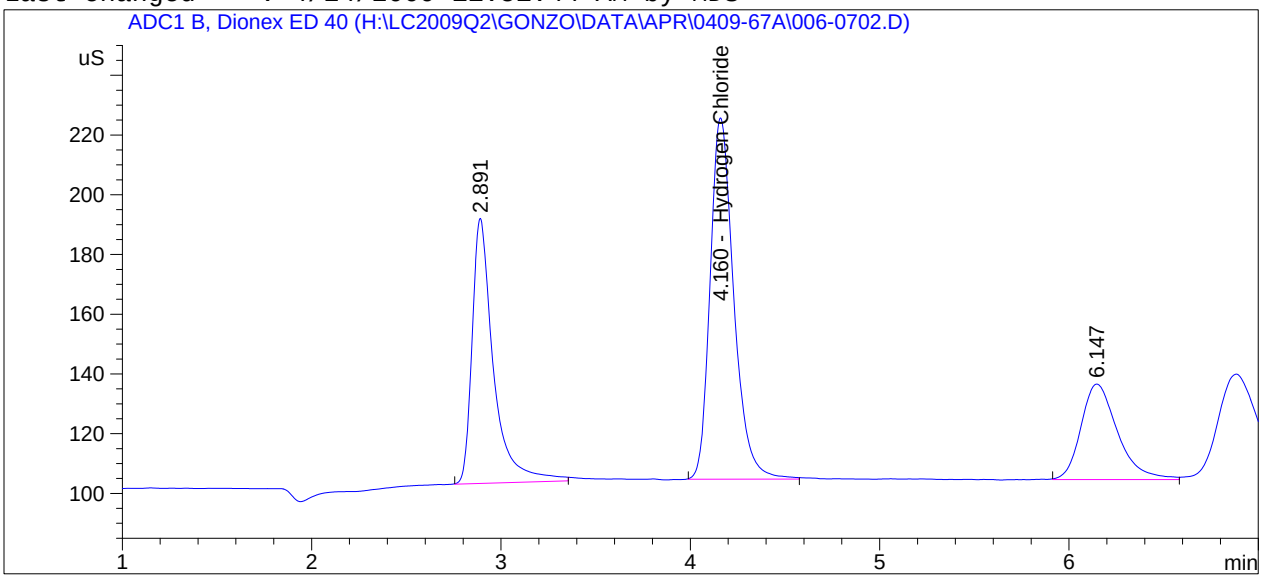
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\006-0702.D
Sample Name: hplc44pg54 #6

==========

Acq. Operator : MDS
Seq. Line : 7
Acq. Instrument : Gonzo
Location : Vial 6
Injection Date : 4/22/2009 4:45:17 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.160	BB	1048.24658	1.30226e-2	13.65085		Hydrogen Chloride

Totals : 13.65085

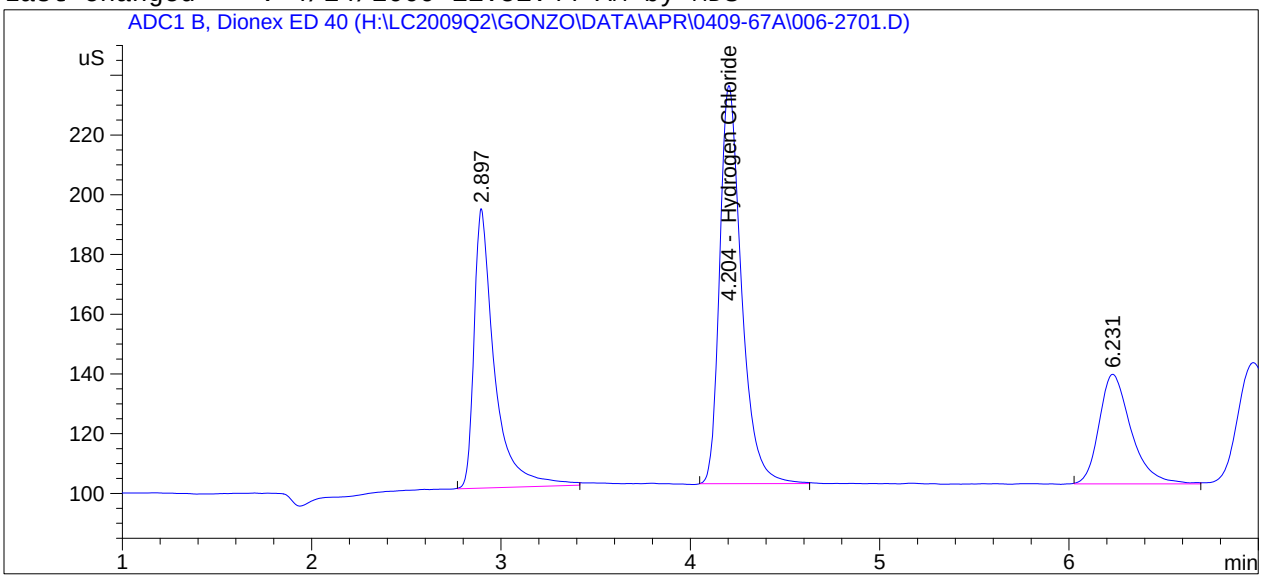
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\006-2701.D
Sample Name: hplc44pg54 #6

==========

Acq. Operator : MDS
Seq. Line : 27
Acq. Instrument : Gonzo
Location : Vial 6
Injection Date : 4/22/2009 10:32:57 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.204	BB	1065.82190	1.30226e-2	13.87978		Hydrogen Chloride

Totals : 13.87978

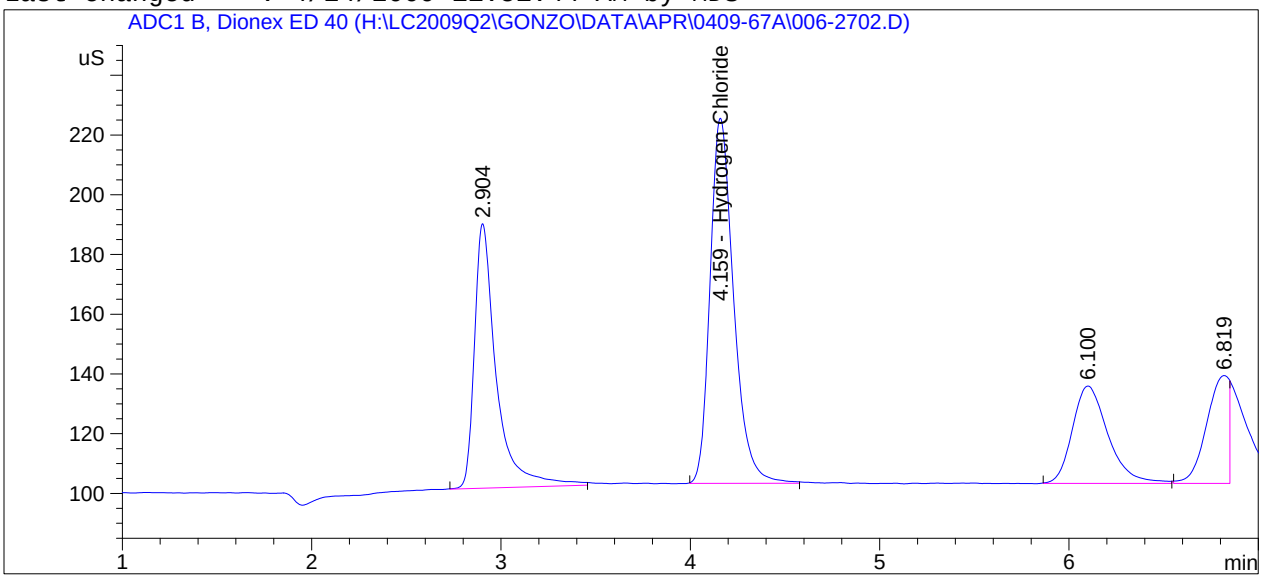
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\006-2702.D
Sample Name: hplc44pg54 #6

==========

Acq. Operator : MDS
Seq. Line : 27
Acq. Instrument : Gonzo
Location : Vial 6
Injection Date : 4/22/2009 10:41:48 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.159	BB	1057.18396	1.30226e-2	13.76727		Hydrogen Chloride

Totals : 13.76727

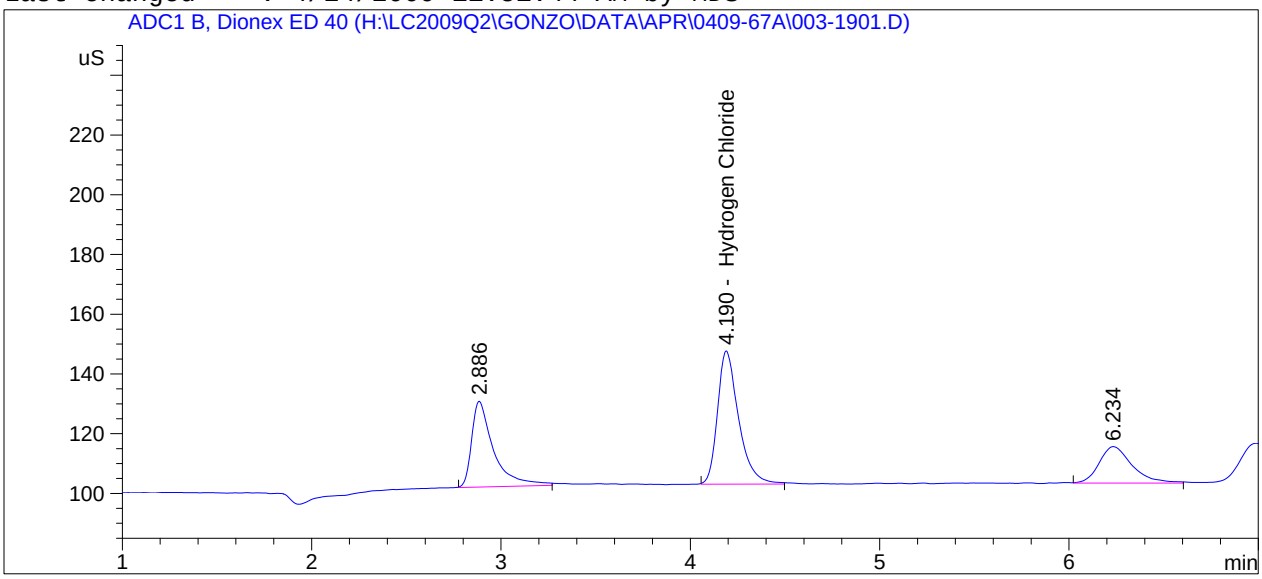
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\003-1901.D
Sample Name: hplc44pg54 #3

==========

Acq. Operator : MDS
Seq. Line : 19
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/22/2009 8:09:49 PM
Inj : 1
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.190	BB	345.16107	1.30163e-2	4.49271		Hydrogen Chloride

Totals : 4.49271

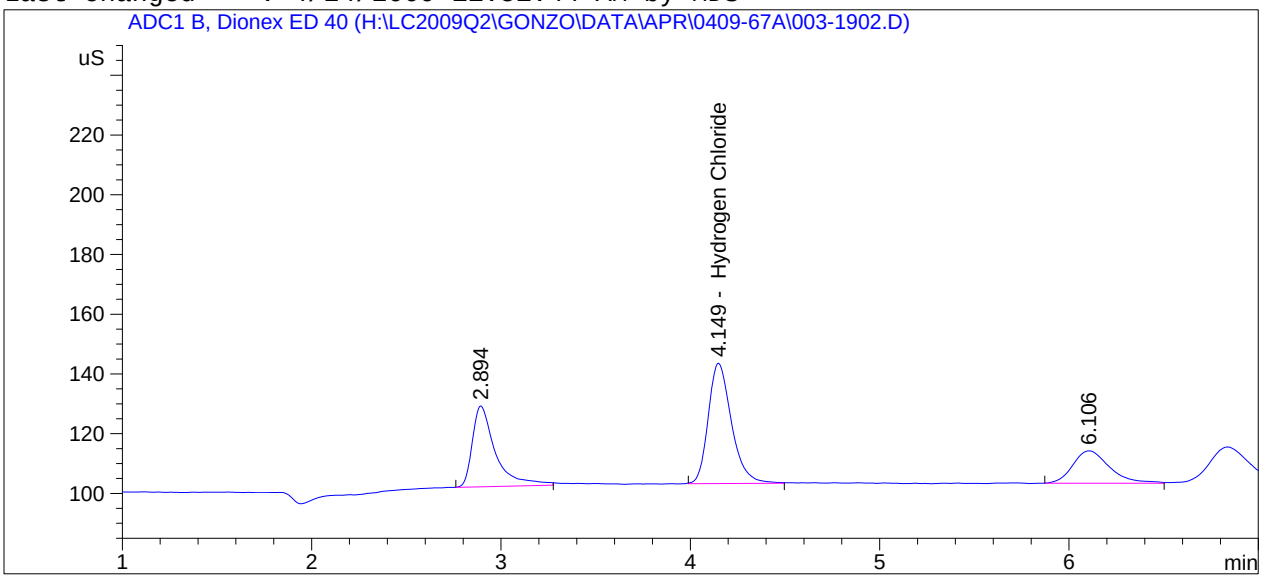
==========

*** End of Report ***

Data File H:\LC2009Q2\GONZO\DATA\APR\0409-67A\003-1902.D
Sample Name: hplc44pg54 #3

==========

Acq. Operator : MDS
Seq. Line : 19
Acq. Instrument : Gonzo
Location : Vial 3
Injection Date : 4/22/2009 8:18:43 PM
Inj : 2
Inj Volume : 25 µl
Acq. Method : H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Last changed : 4/13/2009 9:15:58 AM by MDS
Analysis Method : H:\LC2009Q2\GONZO\METHODS\0409-67A.M
Last changed : 4/24/2009 11:51:44 AM by MDS



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External Standard Report

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Sorted By : Signal
Calib. Data Modified : Friday, April 24, 2009 11:51:42 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: ADC1 B, Dionex ED 40

RetTime [min]	Type	Area [uS*s]	Amt/Area	Amount [ug/mL]	Grp	Name
4.149	BB	343.83389	1.30162e-2	4.47542		Hydrogen Chloride

Totals : 4.47542

==========

*** End of Report ***

Method Information

Method: H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Modified: 4/13/2009 at 9:15:58 AM

Dionex IonPac AS-14A 4-mm analytical (4x250mm) column.
Flow rate 1.2 mL/min
8mM Na2CO3/1mM NaHCO3 mobile phase
Suppressed anion conductivity detection

==========

ANALOG DIGITAL CONVERTER

==========

	Signal 1
Description:	Dionex ED 40
Source:	Signal
Unit:	uS
Units/Volt:	1000.000
Peakwidth (Data Rate):	0.027 Min (10.00 Hz)
Stop Time:	No Limit
Data Storage:	All

Start Signal Source: External Device Will Start 35900

Timed Event Table:
<no events>

```
    ======================================================================
                      Agilent 1100/1200 Quaternary Pump 1
    ======================================================================

    Control
        Column Flow            :      1.200 ml/min
        Stoptime               :          7.00 min
        Posttime               :      Off

    Solvents
        Solvent A              :      100.0 % (8.0mM Na2CO3/1.0mM NaHCO3)
        Solvent B              :      Off
        Solvent C              :        0.0 % (8.0mM Na2CO3/1.0mM NaHCO3)
        Solvent D              :      Off

    PressureLimits
        Minimum Pressure       :        0 bar
        Maximum Pressure       :      400 bar


    Auxiliary
        Maximal Flow Ramp      :      100.00 ml/min^2
        Primary Channel        :      Auto
        Compressibility        :       83*10^-6/bar
        Minimal Stroke         :      Auto

    Store Parameters
        Store Ratio A          :      Yes
        Store Ratio B          :      Yes
        Store Ratio C          :      Yes
        Store Ratio D          :      Yes
        Store Flow             :      Yes
        Store Pressure         :      Yes


    ======================================================================
                      Agilent 1100/1200 Quaternary Pump 2
    ======================================================================

    Control
        Column Flow            :      1.200 ml/min
        Stoptime               :          7.00 min
        Posttime               :      Off

    Solvents
        Solvent A              :        0.0 % ( )
        Solvent B              :      Off
        Solvent C              :      Off
        Solvent D              :      100.0 % (8mMNa2CO3\1mMNaHCO3)

    PressureLimits
        Minimum Pressure       :        0 bar
        Maximum Pressure       :      400 bar


    Auxiliary
        Maximal Flow Ramp      :      100.00 ml/min^2
        Primary Channel        :      Auto
        Compressibility        :      100*10^-6/bar
        Minimal Stroke         :      Auto

    Store Parameters
        Store Ratio A          :      Yes
        Store Ratio B          :      Yes
```

method: H:\LC2009Q2\GONZO\METHODS\COLSWTCH.M
Modified on: 4/13/2009 at 9:15:58 AM

Store Ratio C	:	Yes
Store Ratio D	:	Yes
Store Flow	:	Yes
Store Pressure	:	Yes

==========
Agilent 1100 Autosampler 1
==========

Injection

Injection Mode	:	Needle Wash
Injector volume	:	25.00 µl
Wash Vial	:	100
Optimization	:	none

Auxiliary

Drawspeed	:	100 µl/min
Ejectspeed	:	1000 µl/min
Draw position	:	2.0 mm

Time

Stoptime	:	As Pump
Posttime	:	Off

==========
Agilent 1100/1200 Column Thermostat 1
==========

Temperature settings

Left temperature	:	30.0°C
Right temperature	:	Same as left
Enable analysis	:	When Temp. is within setpoint +/- 0.8°C
Store left temperature	:	No
Store right temperature	:	No

Time

Stoptime	:	As pump
Posttime	:	Off

Column Switching Valve	:	Use current

Sequence Table:

Method and Injection Info Part:

Line	Location	SampleName DataFile	Method AutoBalance	Inj LimsID	SampleType	InjVolume
~~1~~	~~Vial 9~~	~~DI H2O Rgt Blank~~	~~COLSWTCH~~	~~1~~	~~Sample~~	
2	Vial 1	hplc44pg54 #1	COLSWTCH	2	Sample	
3	Vial 2	hplc44pg54 #2	COLSWTCH	2	Sample	
4	Vial 3	hplc44pg54 #3	COLSWTCH	2	Sample	
5	Vial 4	hplc44pg54 #4	COLSWTCH	2	Sample	
6	Vial 5	hplc44pg54 #5	COLSWTCH	2	Sample	
7	Vial 6	hplc44pg54 #6	COLSWTCH	2	Sample	
8	Vial 7	hplc44pg54 LCS	COLSWTCH	2	Sample	
9	Vial 8	H2SO4 Rgt Blank	COLSWTCH	2	Sample	
10	Vial 9	DI H2O Rgt Blank	COLSWTCH	2	Sample	
11	Vial 10	Method Blank*4.1	COLSWTCH	2	Sample	
12	Vial 11	R1 I1&2*4	COLSWTCH	2	Sample	
13	Vial 12	R2 I1&2*4	COLSWTCH	2	Sample	
14	Vial 13	R3 I1&2*4	COLSWTCH	2	Sample	
15	Vial 14	H2SO4 Bk*4.1	COLSWTCH	2	Sample	
16	Vial 15	MS/R1 I1&2	COLSWTCH	2	Sample	
17	Vial 16	MSD/R1 I1&2	COLSWTCH	2	Sample	
~~18~~	~~Vial 17~~	~~R1 HCl*10~~	~~COLSWTCH~~	~~2~~	~~Sample~~	
19	Vial 3	hplc44pg54 #3	COLSWTCH	2	Sample	
~~20~~	~~Vial 4~~	~~hplc44pg54 #4~~	~~COLSWTCH~~	~~2~~	~~Sample~~	
~~21~~	~~Vial 18~~	~~R2 HCl*10~~	~~COLSWTCH~~	~~2~~	~~Sample~~	
22	Vial 1	hplc44pg54 #1	COLSWTCH	2	Sample	
23	Vial 2	hplc44pg54 #2	COLSWTCH	2	Sample	
24	Vial 3	hplc44pg54 #3	COLSWTCH	2	Sample	
25	Vial 4	hplc44pg54 #4	COLSWTCH	2	Sample	
26	Vial 5	hplc44pg54 #5	COLSWTCH	2	Sample	
27	Vial 6	hplc44pg54 #6	COLSWTCH	2	Sample	

This Is The Last Page Of This Report.